

INDEX TO VOLUME 57

A

- ABBOTT, OSLER A.** See LEIGH, TED F.
ABBOTT, W. D. See COLEMAN, F. C.
ABBOTT LABORATORIES AT OAK RIDGE, Sept., 435
ABDOMEN
 See also under names of abdominal organs, as Liver; Stomach, etc.
 —advantages of compression of abdomen in roentgenography of lumbosacrococcygeal vertebrae (ab), Rosario Corseri, Oct., 618
 —distribution of gas in intestine following laparotomy unaccompanied by complications (ab), Niels Liedberg and Stig Berndtson, Nov., 779
 —roentgen diagnosis of sponge in abdomen (ab), M. Slater, Oct., 617
 —roentgen diagnosis of upper abdominal retroperitoneal space-occupying lesions (ab), Archie Sheinmel and Edward A. Mednick, Dec., 916
 —sensitivity of abdomen of rat to x-irradiation (ab), V. P. Bond, et al, Aug., 303
 —surgical aspects of scrotal films (ab), C. Melvin Bernhard, Oct., 608
 —unusual retroperitoneal cyst simulating a calcified hepatic cyst (ab), William H. Shull and Charles F. Wilkinson, Jr., Aug., 286
hernia. See *Hernia*.
ABELES, HANS, and EHRLICH, DAVID: Single, circumscribed, intrathoracic densities (ab), Dec., 898
ABPLANALP, A.: Case of a confusion to the thorax with Hamman's syndrome and subsequent pneumonia, as a contribution to the subject of pneumonia due to confusion (ab), Sept., 446
ABRAMS, HERBERT L.: Left ascending aorta with right arch and right descending aorta, July, 58
 —**KAPLAN, HENRY S., and PURDY, ANN:** Diagnosis of complete transposition of the great vessels, Oct., 500
ABRODIL. See Spine, intravertebral disks
ABSCESS
 See also Appendix; Brain; Liver; Lungs
 —perinephric
 —radiographic diagnosis (ab), Raymond E. Parks, Sept., 469
ACETYLAMINOFLUORENE. See Radioactivity
ACHONDROPLASIA
 —chondroangiopatia calcarea seu punctata; review and case report, Earl R. Haynes and Wm. F. Wangner, Oct., 541
 —chondrolystrophy calcificans congenita; case with autopsy findings (ab), Edward J. Coughlin, Jr., et al, Sept., 459
ACKERMAN, ALFRED J. See MOYER, JOHN H.
ACKERMAN, LAUREN V. See ROYCE, ROBERT K.
ACTH (adrenocorticotrophic hormone). See Pituitary Preparation
ADAMANTINOMA. See Tumors, adamantinoma
ADLER, DANIEL K. See HAFT, HENRY H.
ADOLESCENCE
 —adolescent deficiency disease; case (ab), Jarvis M. Smith, Dec., 912
 —thyroid cancer in childhood and adolescence; 28 cases (ab), B. J. Duffy, Jr., and Patrick J. Fitzgerald, Oct., 591
ADRENAL PREPARATIONS
 —effect of adrenalectomy and DCA (desoxycorticosterone acetate) on radioisotope intramuscular clearance and distribution in the rat (ab), Frederick R. Franke, et al, Dec., 923
 —measurement of volume of dog's heart by x-ray effect of hemorrhage, of epinephrine infusion, and of buffer nerve section (ab), W. F. Hamilton, Jr., et al, Sept., 453
 —use of ACTH and cortisone in treatment of post-irradiation pulmonary reaction, Stuart W. Cosgriff and Morton M. Kligerman, Oct., 536
ADRENALS
 —dynamic aspects of sodium metabolism in experimental adrenal insufficiency, using radioactive sodium (ab), Thomas N. Stern, et al, Dec., 923
 —effect of adrenalectomy and DCA on radioisotope intramuscular clearance and distribution in the rat (ab), Frederick R. Franke, et al, Dec., 923
 —neuroblastoma (ab), R. Wallace Boyd, July, 138
ADSON, ALFRED W. See SVIEN, HENDRIK J.
AGE
 —age determination: conflicting evidence presented by anatomical and radiological data of skeleton (ab), J. A. Keen, Nov., 780
AKMAN, L. C., MILLER, A. J., SILBER, E. N., SCHACK, J. A., and KATZ, L. N.: The ventricular electrogram (ab), Oct., 601
ALBRIGHT, EDWIN C., and MIDDLETON, WILLIAM S.: Uptake of radioactive iodine by the thyroid gland of leukemic patients (ab), July, 151
 —See GORDON, EDGAR S.
ALBRIGHT, ROBERT W. See JORDAN, WILLIAM S., Jr.
ALDERSON, LEE R. See BARMAYER, GEORGE H.
ALDRIDGE, C. W., and MASON, J. T.: Ureteral obstruction in carcinoma of the cervix (ab), Nov., 783
ALEXANDER, GEORGE L. See MILLER, EARL R.
ALFRED, KARL S., and HARBIN, MAXWELL: Blastomycosis of bone. Report of a case (ab), Sept., 458
ALGIRE, GLENN H. See MERWIN, RUTH
ALIMENTARY TRACT. See Esophagus; Foreign Bodies; Stomach, etc.
ALLBRITTON, FRANK F., Jr., and TEMPLETON, JOHN Y., III: Treatment of giant cysts of the lung (ab), Oct., 597
ALLEN, A. C. See BOND, V. P.
ALLEN, L. I.: Nontuberculous diseases of the chest (ab) Oct., 592
ALLEN, M. LOWRY, and LINDEM, MARTIN C.: Significant roentgen findings in routine pre-employment examination of the lumbosacral spine. A preliminary report (ab), Oct., 612
ALOPECIA
 —possible prevention of permanent alopecia following roentgen therapy. Case (ab), Harry M. Robinson, Sr., Oct., 627
AMEBIASIS. See Liver
AMERICAN BOARD OF RADIOLOGY, Nov., 755
AMINOPTERIN. See Leukemia
AMON, RUDOLF. See MUNTEAN, EUGEN
AMYLASE
 —pancreatic duct filling during cholangiography: its effect upon serum amylase levels (ab), Carter W. Howell and George S. Berg, Sept., 457
ANASTOMOSIS. See Veins, jugular; Colon
ANDA, LARS: Multiple myeloma (ab), July, 139
ANDERSON, CHARLES E., Jr.: Treatment of primary atypical pneumonia in children with aureomycin. Report of nineteen cases (ab), Sept., 445
ANDROGENS
 —hormone therapy in relation to radiotherapy in advanced carcinoma of breast (ab), Basil A. Stoll, Oct., 620
 —roentgen and steroid hormone therapy in mammary cancer metastatic to bone (ab), L. H. Garland, et al, Oct., 620
 —steroids in cancer of breast, Rieva Rosh and George G. Green, Dec., 557
ANDRUS, PAUL M. See CROMBIE, D. W.
ANEMIA
 —pericardial effusion mistaken for cardiac enlargement in severe anemia; 2 cases (ab), Louis A. Soloff, July, 133
 —radioiron absorption in anemic dogs: fluctuations in mucosal block and evidence for a gradient of absorption in the gastro-intestinal tract (ab), Wellington B. Stewart, et al, Oct., 626
 —erythroblastic
 —traumatic fracture in Cooley's anemia (ab), Antonio Toti, Dec., 912
 —sickle-cell
 —skeletal changes; unusual case (ab), Allen E. Hamburg, Sept., 461
 —splenic
 —Gaucher's disease in bone (ab), J. Kulowski, Aug., 288
ANESTHESIA
 —pyruvic acid metabolism during normal and pathological pregnancy, during and after anesthesia and roentgen therapy (ab), S. Markees, et al, Sept., 474
ANEURYSM
 —aortic
 —abdominal aneurysm: study of 102 cases (ab), J. Earle Estes, Jr., July, 147
 —arteriovenous. See Aneurysm, cerebral; Aneurysm, pulmonary
 —cardiac
 —demonstrated by angiography (ab), Erwin Kammerling, et al, July, 132
 —arteriogenous consideration of myocardial aneurysm (ab), W. Hirsch, Sept., 451
 —carotid
 —pathological anatomy and angiography of intracranial vascular anomalies (ab), Oscar Sugar, Nov., 763
 —cerebral
 —aneurysms (ab), C. Hunter Shelden, et al, July, 125
 —angiographic examination of intracranial arteriovenous aneurysms (ab), Ingmar Wickbom, Oct., 589
 —cerebral angiography in neurosurgery. I. Angiographic appearances in cerebral tumors. II. Angiographic appearances in intracranial aneurysms (ab), J. L. Dowling, July, 124
 —intracranial arterial aneurysms; preliminary report (ab), Stig Löfstedt, Oct., 589
 —specific treatment of intracranial aneurysms; experiences with 143 surgically treated patients (ab), James L. Poppen, Nov., 763
 —iliac
 —aneurysm, with compression of rectum; case (ab), J. Reboul and Chavoux, Dec., 908
 —pulmonary
 —arteriovenous aneurysm (ab), G. E. Lindskog, et al, Sept., 449
 —multiple arteriovenous aneurysms in Osler's disease (telangiectasia hemorrhagica hereditaria) (ab), C. Marmier and W. H. Hitzig, Sept., 450

ANEURYSM—cont.

- renal**
—diagnostic and therapeutic considerations, with a report of 2 additional cases (ab), Robert F. Sharp and Max M. Green, July, 146
- spleen**
—aneurysms (ab), Thomas H. Palmer, Nov., 784
- ANGIOCARDIOGRAPHY.** See Aneurysm; Aorta; Cardiovascular System; Ductus Arteriosus
- ANGIOPNEUMOGRAPHY.** See Lungs, tumors
- ANGIOFIBROSARCOMA.** See Sarcoma
- ANGIOGRAPHY.** See Aneurysm; Brain
- ANGIOMA.** See Tumors, angioma
- ANGIOPNEUMOGRAPHY.** See Lungs, cancer
- ANGIOSARCOMA.** See Sarcoma, angiosarcoma
- ANKLE**
—internal derangement of the talofibular component of the ankle (ab), Irving Wolin, et al., July, 143
- ANTIHISTAMINIC AGENTS**
—for inhibiting untoward reactions to injections of contrast media (ab), Olof Olsson, Dec., 917
- ANTONOWITSCH, E.**: Roentgen diagnosis of primary tubal carcinoma (with 35 per cent perabrodil) (ab), Aug., 292
- ANTRUM.** See Maxillary Sinus
- ANUS**
—Hirschsprung's disease associated with anal stenosis and subhepatic cecum (ab), Gordon J. Harmston, Dec., 908
- AORTA**
See also Aneurysm; Cardiovascular System
—chronic obstruction of abdominal aorta: Lerche's syndrome (ab), Bernardo Milanes, et al., Oct., 615
- abnormalities**
—compression of trachea or esophagus by vascular anomalies; surgical therapy in 40 cases (ab), Robert E. Gross and Edward B. D. Neuhauser, Nov., 776
- congenital and positional anomalies (ab), Hans Franke, Nov., 774
- double aortic arch in man (ab), Hans Franke, Nov., 775
- left ascending aorta with right arch and right descending aorta, Herbert L. Abrams, July, 58
- right-sided aortic arch (ab), Philip Samet and Daniel J. Stone, Nov., 775
- coarctation**
—observations in 14 children (ab), Mary B. Olney and H. Brodie Stephens, Aug., 281
- roentgenography**
—aortic length: angiographic measurements (ab), Charles T. Dotter, et al., Oct., 602
- aortography in infants (ab), John D. Keith and Constance Forsyth, Oct., 602
- persistent ductus arteriosus: importance of angiocardiology and thoracic aortography in diagnosis and pre-operative study (ab), Manuel Malenchini and Teo Rock, Nov., 775
- retrograde aortography with special catheter, including demonstration of coronary arteries (ab), Felix Pearl, et al., Oct., 616
- thrombosis of terminal aortic bifurcation: clinical and aortographic study (ab), G. Bonte and J. Desruelles, Dec., 905
- translumbar aortic puncture and retrograde catheterization of aorta in aortography and renal arteriography (ab), William E. Goodwin, et al., Oct., 616
- visualization of abdominal aorta and its branches following intravenous injection of contrast medium; 4 cases (ab), Ted F. Leigh and James V. Rogers, Jr., Nov., 784
- syphilis**
—aortitis: diagnosis by means of ascending aortic calcification (ab), James Jackman, Aug., 282
- AORTIC VALVE**
—congenital septal defect (ab), Daniel F. Downing, July, 132
- APPARATUS.** See Radon; Roentgen Rays, apparatus
- APPELL, ADOLPH A., PRITZKER, HAROLD G., and KLOTZ, PHILIP G.**: Pyloric obstruction due to sarcoid of the stomach (ab), Dec., 906
- APPENDIX**
—abscess in 4-month-old infant (ab), Maxwell P. Borovsky, Oct., 607
- AQUEDUCT OF SYLVUS**
—isolated filling of posterior part of third ventricle by air in obstructions of aqueduct of Sylvius (ab), H. Verbiest, Sept., 443
- ARCHER, MAURICE C.** See BOND, TOM B.
- ARDRAN, G. M.** See McLAREN, J. W.
- ARENDT, JULIAN**: Roentgenological aspect of infectious mononeuritis (ab), Nov., 784
- ARIEL, IRVING M.**: Effect of single massive doses of roentgen radiation upon the liver: an experimental study, Oct., 561
—See PACK, GEORGE T.
- ARMITAGE, GEORGE, and WILSON, MICHAEL**: Crohn's disease: Survey of the literature and a report on 34 cases (ab), Sept., 455
- ARNOLD-CHIARI DEFORMITY.** See Brain
- ARNSTEIN, LAWRENCE H.** See BOLDREY, EDWIN
- ARONSON, STANLEY M., and WALLERSTEIN, LAZAR**: Protean nature of scleroderma—with a note on pulmonary changes (ab), Oct., 600
- ARTERIA LUSORIA.** See Arteries, subclavian
- ARTERIES**
See also Aneurysm; Aorta; Brain; Cardiovascular System; Thrombosis, etc.
—experimental stenosis: post stenotic dilatation and collateral blood flow (ab), J. Flusher, et al., Dec., 926
- carotid.** See also Aneurysm, carotid; Brain, tumors
—brain revascularization after carotid-jugular anastomosis assessed by angiography (ab), I. M. Tarlov, et al., Nov., 764
- coronary.** See Coronary Vessels
- mesenteric**
—chronic intermittent arteriomesenteric occlusion of the duodenum, Jerome Romagosa and Leon J. Menville, July, 63
- pulmonary**
—chronic obstruction of major pulmonary arteries (ab), Douglas Carroll, July, 129
- roentgen changes in pulmonic stenosis; 9 cases (ab), R. F. Healey, et al., Aug., 281
- stenosis with patent foramen ovale (ab), Nelson K. Ordway, et al., July, 130
- roentgenography**
—ethyl-diiodostearate in arteriography; personal experience (ab), S. Masly, Oct., 617
- splenic.** See Aneurysm
- subclavian**
—arteria lusoria in the roentgenogram (ab), A. Ravelli, Nov., 775
- ARTERIOGRAPHY.** See Arteries
- ARTHITIS**
See also Spine
—psoriatic arthritis (ab), John C. Nunemaker and Seymour A. Hartman, Sept., 460
- transient pulmonary manifestations in rheumatoid arthritis (ab), Joseph Bloom and Jack H. Rubin, Sept., 449
- vitamin D intoxication in a child with rheumatoid arthritis (ab), John S. Hyde and Julius B. Richmond, Aug., 289
- ASHE, WILLIAM M., McDONALD, JOHN R., and CLAGETT, O. THERON**: Nonspecific pneumonitis of the left upper lobe (simulating the "middle lobe syndrome" and producing an early superior pulmonary sulcus syndrome). Report of a case (ab), Dec., 900
- ASHERMAN, JOSEPH G.**: Traumatic intra-uterine adhesions (ab), Nov., 782
- ASHKENAZY, MOSES.** See DAVIS, LOYAL
- See LEROY, GEORGE V.
- ASKEW, W. A.** See LOVE, JESSHILL
- ASPERGILLOSIS**
—localized bronchopulmonary aspergillosis successfully treated by surgery; case (ab), Raymond Yesner and Alfred Hurwitz, July, 128
- ASTHMA**
—chronic cor pulmonale in long-standing bronchial asthma (ab), Maxwell L. Gelfand, Nov., 776
- unusual conditions simulating pulmonary atelectasis, with case reports of agenesis and hypoplasia of lung and of fracture of bronchus, together with report of a case of massive atelectasis in bronchial asthma included for comparison (ab), Robert E. Priest, Nov., 771
- ATELECTASIS.** See Lungs, collapse
- ATLAS AND AXIS**
—diagnosis of minimal atlanto-axial subluxation (ab), Harris Jackson, Oct., 611
- ATOMIC ENERGY**
See also Radioactivity
—hematology of atomic bomb casualties (ab), George V. LeRoy, Oct., 627
- medical aspects of atomic explosion (ab), Heinz R. Landmann, Nov., 793
- ocular changes produced by total body irradiation (ab), Helenor C. Wilder and Russell M. Maynard, Nov., 793
- ATROPINE SULFATE**
—ventricular tachycardia during cardiac catheterization of patient with Wolff-Parkinson-White syndrome; case showing effects of atropine sulfate (ab), Robert A. Bruce, et al., July, 133
- ATWELL, FLOYD C.**: Consideration of the infant in the treatment of cervical carcinoma in pregnancy (ab), Oct., 621
- ATWELL, ROBERT J., and PEDERSEN, ROBERT L.**: A water-soluble contrast medium for bronchography. Report on clinical use (ab), Nov., 768
- AUDITORY CANAL**
—lesions of external canal (injurious effects of irradiation) (ab), Walter P. Work, Nov., 792
- AUREOMYCIN.** See Pneumonia
- AUTOGRAPHS.** See Radioactivity
- AUTOPSIES**
—correlation of postmortem pathological observations with chest roentgenograms, David S. Beilin, Jack P. Fink, and Lawrence W. Leslie, Sept., 361
- AYRES, R. W., BEESON, C. R., and SCRUGGS, JOE B., Jr.**: Idiopathic pneumoperitoneum. Review of the literature and report of one case (ab), Sept., 457
- AZAGUANINE (Guanazolo).** See Radioactivity

B

- BACKACHE**
—backache and its relation to ruptures of intravertebral disks, Knut Lindblom, Nov., 710
- BACTERIA**
—effects of x-rays (announcement of bibliography), Dec., 888

- BACTERIA**—*cont.*
—effects of x-rays produced at 50 kilovolts on different species of bacteria (ab), Harvey Fram, et al, July, 155
Friedlander. See Pneumonia
- BAERI MARIANNE.** See QUASTLER, HENRY
- BAGGENSTOSS, RICHIE H.** See COMFORT, MANDRED W.
- BAGNETTO, RICHARD L.** See ORDWAY, NELSON K.
- BAKER, LENOX D., COONRAD, R. W., REEVES, ROBERT J., and HOYT, W. A., Jr.** Marie-Strumpell arthritis. Follow-up study of roentgenographic, physical, and orthopaedic therapy (ab), Sept., 463
- BAKER, LYLE A.** See SWITZER, JOHN L.
- BAKER, M.** See GARLAND, L. H.
- BAL**—attempt at excreting injected thorotrust in rats by 2,3-dimercaptopropanol (BAL) (ab), Björn E. W. Nordenström-Blohm, Nov., 795
- BALLANTYNE, R. M.** See MacFARLAND, M. L.
- BANKER, HARRY W.** See TIRMAN, WALLACE S.
- BARBITAL and BARBITAL DERIVATIVES**—placental barrier in carbon monoxide, barbiturate and radium poisoning: some original observations in humans (ab), Harrison S. Martland and Harrison S. Martland, Jr., July, 154
- BARGEN, J. ARNOLD.** See POSEY, E. LEONARD, JR.
- BARIUM CARBONATE**—poisoning, 7 cases (ab), Geoffrey Dean, Sept., 454
- BARIUM SULFATE**—See also Colon; Esophagus; Intussusception
—perforation of duodenal ulcer during fluoroscopy: disposition of barium sulfate in abdominal cavity, Robert S. Hayen, Aug., 214
- BARMER, GEORGE H., ALDERSON, LEE R., and COX, WALTER B.** Traumatic periostitis in young children (ab), Dec., 912
- BARNES, ALLAN C., MORTON, JOSEPH L., and CALLEDINE, GEORGE W., Jr.** Use of radioactive cobalt in the treatment of carcinoma of the cervix (ab), Oct., 622
- BARNES, SETH S., and MOFFATT, THOMAS W.** Lymphadenosis cutis circumscripta with tumors with radioactive phosphorus (ab), Aug., 300
- BARNETT, JAMES C.** See STOLEFI, JULIUS E.
- BARR, JOHN R., and SCHULTE, JOHN W.** Bilateral Wilms' tumor. Case report (ab), Sept., 472
- BARROWAY, JAMES N.** See DEL DUCA, VINCENT
- BARSH, A. G.** Diagnosis of heart disease. Conventional roentgen examination (ab), Dec., 903
Primary malignant epithelial tumors of the small bowel, Aug., 771
- BARSON, W. COMPERE.** See LEONARD, MORTON H.
- BASS, ANNE C.** See STERN, THOMAS N.
- BASS, HYMAN E., and SINGER, EMANUEL**: Pulmonary changes in uremia (ab), Nov., 773
- BASSETT, ROBERT C.** Surgical experiences with arteriovenous anomalies of the brain (ab), Nov., 764
- BATES, JOHN C., and LEAVER, FRANK Y.** Pericardial colomic cyst: presentation of five new cases and five similar cases illustrating difficulty of diagnosis, Sept., 330
- BATHO, HAROLD F.** X-ray protection (ab), Sept., 475
- BATTEZZATI, M., SOAVE, F., and TAGLIAPERRO, A.** Angiocardiopneumography in diagnosis of tumors of the lung and mediastinum (ab), Oct., 396
- BAUMANN-SCHENKER, R.** A new hereditary skeletal condition in the group of osteogenesis imperfecta (ab), Sept., 460
- BAYLIN, GEORGE J.** See BONE, FRANK C.
- BEADENKOPF, WILLIAM G.** See SLATTERY, ROBERT V.
- BEARE, J. BYRON, and WATTENBERG, CARL A.** Excretory urography versus retrograde urography. A ureteral catheterization technique (ab), Aug., 292
- BEBB, KENNETH C.** See LEE, C. MARSHALL, JR.
- BECHTEREW'S DISEASE.** See Spine, arthritis
- BECKER, IRVIN M.** See MILLER, GEORGE
- BECKS, H.** See COLEMAN, R. D.
- BECKSTRAND, GRANT, and ELLERY, S. W.** Carcinoma of the cervix (ab), Aug., 295
- BEESON, C. R.** See AYRES, R. W.
- BEIDLEMAN, BARKLEY.** Toxic goiter complicating diabetes mellitus treated with radioactive iodine (I^{131}) (ab), Oct., 624
- BEILIN, DAVID S., FINK, JACK P., and LESLIE, LAWRENCE W.** Correlation of postmortem pathological observations with chest roentgenograms, Sept., 361
- BELLO, C. T.** See SOLOFF, LOUIS A.
- BENASSI, ENRICO**: Ulcers of the posterior gastric wall (ab), Sept., 453
- BENEDEK, AGNES L.** See ROSENTHAL, ROBERT L.
- BENJAMIN J. MALVERN, Jr.** See ZINSER, HARRY F., Jr.
- BENNER, SVEN**: On the use of radioactive substances in Sweden, with special reference to irradiation risks and protection measures (ab), Sept., 470
- BENNETT, L. R., REKERS, P. E., and HOWLAND, J. W.** Influence of infection on the hematological effects and mortality following mid-lethal roentgen irradiation, July, 99
- BENNETT, LEONARD L., Jr., SKIPPER, HOWARD E., MITCHELL, JACK H., Jr., and SUGIURA, KANE MATSU**: Studies on the distribution of radioactive 8-azaguanine (guanazole) in mice with Ro771 tumors (ab), Aug., 300
- See MITCHELL, JACK H., Jr.
- BENSON, JERREL.** See KIEHN, CLIFFORD L.
- BERANBAUM, SAMUEL L.** Fictitious pelvic mass, Oct., 554
—See GOTTLIEB, CHARLES
- BÉRARD, M.** See SANTY, P.
- BERENBERG, WILLIAM.** See BERGSTROM, W. H.
- BERENSON, DAVID L.** See CARDULLO, HUGO M.
- See GREEN, JOHN R.
- BERG, MARVIN.** See KIEHN, CLIFFORD L.
- BERG, RALPH, Jr., and BURFORD, THOMAS H.** Pulmonary paraffinoma (lipoid pneumonia) a critical study (ab), Aug., 279
- BERGER, GEORGE S.** See HOWELL, CARTER W.
- BERGLUND, STIG.** See LIEDBERG, NILS
- BERGSTROM, W. H., COOK, C. D., SCANNELL, J., and BERENBERG, WILLIAM**: Situs inversus, bronchiectasis and sinusitis. Report of a family with two cases of Kartagener's triad and two additional cases of bronchiectasis among six siblings (ab), Aug., 280
- BERING, EDGAR A., Jr.** Notes on the retention of pantopaque in the subarachnoid space (ab), Aug., 290
- BERKVENS, Th.** Radiography of the fetal skull (ab), Oct., 590
- BERLIN, NATHANIEL J., LAWRENCE, JOHN H., and GARTLAND, JEAN.** Blood volume in chronic leucemia as determined by P^{32} labeled red blood cells (ab), July, 152
Blood volume in polycythemia as determined by P^{32} labeled red blood cells (ab), Nov., 791
- BERNHARD, C. MELVIN**: Surgical aspects of scout films of the abdomen (ab), Oct., 600
- BERNING, HEINRICH**: Clinical-roentgenological studies of gastric dilatation (ab), July, 134
- BERSACK, SOLOMON R.** See SOUTHWORTH, JOHN D.
- BEUTNER FOUNDATION AWARD**, Aug., 262
- BERTSCHI, E., and STIEFEL, E.** Silicosis in a large foundry (ab), Sept., 448
- BERYLUM**
—absorption of roentgen rays with use of a beryllium tube (ab), M. F. Engman, Jr., et al, July, 150
—beryllium window radiations for superficial therapy (ab), Anthony C. Cipolla, July, 150
- BESWICK, WILLIAM F.** See HAMBY, WALLACE B.
- BETA RAYS.** See Menopause; Radioactivity
- BETHARD, W. F.** See PEARL A.
- BEZOAR.** See Stomach, foreign bodies
- BICK, EDGAR M., and COPEL, JOSEPH W.** Longitudinal growth of the human vertebra. A contribution to osteogeny (ab), Sept., 463
- BICKERSTAFF, HUGH W., COMSTOCK, GEORGE W., and BURKE, MARY H.** Routine antenatal chest x-ray findings in patients drawn from a currently surveyed population (ab), Nov., 769
- BICUNAS, ALFRED.** See HOCHBERG, LEW A.
- BIDDLE, MARJORIE.** See KRITZER, MORTON D.
- BIERMAN, A., and BOLDINGH, W. HONDRIUS**: Relation between tension and exposure times in radiography (ab), Dec., 816
- BIERMAN, HOWARD R., COHEN, PETER, McCLELLAND, JAMES N., and SHIMKIN, MICHAEL B.** Effect of transfusions and antibiotics upon the duration of life in children with lymphogenous leucemia (ab), Aug., 297
—See MASOURIDES, S. P.
- BILE DUCTS**
See also Biliary Tract
—choledocholithiasis (ab), Hugh S. Collett, et al, Oct., 607
- BILIARY TRACT**
See also Bile Ducts; Gallbladder; etc
—biliary dyskinesia studied by means of "peritoneoscopic cholangiography" (ab), M. Royer, et al, Aug., 286
—Marie's hypertrophic pulmonary osteoarthropathy associated with a biliary cirrhosis: case (ab), Gonzague de Meyer and Philibert Sarasin, Oct., 611
- ROENTGENOGRAPHY**
—cholangiography, further observations on clinical value (ab), Dean Macdonald, July, 138
—pancreatic duct filling during cholangiography: its effect upon serum amylase level (ab), Carter W. Howell and George S. Berg, Sept., 437
- BIOPHYSICS**
—roentgen apparatus for intense roentgen radiation of short duration intended for biophysical research work and for special treatment purposes (ab), Rolf M. Sievert, Sept., 473
- BJÖRK, VIKING O., and SALÉN, ERNST F.** The blood flow through an atelectatic lung (ab), Nov., 771
- BLACK, HARRISON, and ACKERMAN, LAUREN V.** Clinical and pathologic aspects of tuberculoma of the lung. An analysis of eighteen cases (ab), Sept., 446
- BLADDER**
—urinary bladder during parturition: consideration of its location, injury, and repair (ab), Sidney Cohn and Arthur Weinberg, July, 144
- CANCER**
—carcinoma: clinical, therapeutic and pathologic aspects of 135 cases (ab), Robert K. Royce and Lauren V. Ackerman, Dec., 918
—treatment of infiltrating carcinoma by "retrograde method of interstitial radiation" (ab), T. Brent Wayman, Aug., 297
- FISTULA**
—cystourethrography in diagnosis of diseases of prostatic urethra (ab), Robert C. Thumann, Jr., and David Randall, Sept., 470
- ROENTGENOGRAPHY**
—cystourethrography in diagnosis of diseases of prostatic urethra (ab), Robert C. Thumann, Jr., and David Randall, Sept., 470
- DIAGNOSTIC VALUE** of lacunar cystography (ab), Enrique Perez Castro, Aug., 293

December 1951

BLADDER, roentgenography—cont.

- new cysto-urography and transurethral operating table: hydraulic operation providing prompt wide range position change (ab), Frederic E. B. Foley, Sept., 470
- BLAIR, HARRY C.** See **DAVIS, JOE B.**
- BLAKE, PAUL S.** See **FRENCH, LYLE A.**
- BLANK, FREDERICK.** See **BUCKY, GUSTAV**
- BLASTOMYCOSIS**
 - of bone; case (ab), Karl S. Alfred and Maxwell Harbin, Sept., 458
- BLITZ, OSCAR.** See **HALLE, SHEA**
- BLOCK, MALCOLM.** See **MCCORD, MALCOLM C.**
- BLOOD**
 - See also Anemia; Leukemia; Pyruvic Acid; etc.
 - blood coagulation and hemorrhage following total body x-irradiation in the rabbit (ab), Robert L. Rosenthal and Agnes L. Benedek, Aug., 302
 - blood volume in chronic leukemia as determined by P³² labeled red blood cells (ab), Nathaniel I. Berlin, et al., July, 152
 - changes in blood plasma of guinea-pig during acute radiation syndrome (ab), Henry I. Kohn, July, 155
 - disappearance of isotopically labeled gold colloids from circulation of dog (ab), C. W. Sheppard, et al., Dec., 923
 - effect of cysteine on peripheral blood of the irradiated rat (ab), Harvey M. Patt, et al., July, 154
 - experimental arterial stenosis: post stenotic dilatation and collateral blood flow (ab), J. Flasher, et al., Dec., 926
 - platelet values in personnel engaged in roentgen diagnostic work (ab), Harry Mossberg, Aug., 301
 - single cell autographs of bone marrow and blood from rats using radioactive phosphorus (ab), William I. Morse, 2nd, Oct., 626
 - testing blood plasma to tissue exchange rate by urine isotope ratio: inorganic phosphate (ab), Herbert D. Friedlander and Walter S. Wilde, Dec., 923
 - use of radioactive phosphorus in studies of fetal circulation (ab), Newton B. Everett and Robert J. Johnson, Sept., 474

BLOOD PRESSURE

- changes during angiography (ab), Sheila Howarth, Oct., 602

BLOOD VESSELS

- See also Aorta; Arteries; Cardiovascular System; Veins; etc.
- anatomy of heart and great vessels: angiographic study (ab), J. E. Miller, Dec., 903
- correlation of simultaneously recorded electrokymograms and pressure pulses of human heart and great vessels; preliminary report (ab), A. H. Salans, et al., Oct., 602
- diagnosis of complete transposition of great vessels, Herbert L. Abrams, Henry S. Kaplan, and Ann Purdy, Oct., 500
- microradiography: its application to the study of the vascular anatomy of certain organs of the rabbit, Wallace S. Tirman, Charles E. Taylor, Harry W. Bunker, and Truman E. Taylor, July, 70

- BLOOM, JOSEPH, and RUBIN, JACK H.**: Transient pulmonary manifestations in rheumatoid arthritis (ab), Sept., 449

BLUNT, CHARLES P. See **MAYO, CHARLES W.**

- BOATMAN, JOSEPH B., KENDRICK, T. R., FRANKE, F. R., and MOSES, CAMPBELL:** Use of radioactive iodine, radioactive phosphorus, and radioactive sodium in the determination of cerebral and muscle clearance (ab), July, 152

—See **FRANKE, F. R.**

- BODIAN, MARTIN, CARTER, C. O., and WARD, B. C. H.**: Hirschsprung's disease (ab), Dec., 908

BODY SECTION ROENTGENOGRAPHY

- contribution of roentgen tomography to the demonstration of bronchial carcinoma (ab), Eugen Muntean, July, 126
- laminagraphy associated with artificial anterior pneumomediastinum in roentgen study of mediastinum (ab), Attilio Romanini and Mario Spadoni, Oct., 600
- simultaneous angiocardiography (ab), B. Lindemann, Nov., 774
- universal planigraphy (ab), R. Janker, Nov., 785
- vertical tomography of the thorax (ab), D. W. Crombie and Paul M. Andrus, July, 126

BOECK'S SARCOID. See **Sarcoidosis**

- BOHR, HANS, and SØRENSEN, AUGUST H.**: Study of fracture healing by means of radio-active tracers (ab), Sept., 474

BOISOT, R. See **LE BILHAN, R.**

BOLDINGH, W. HONDIUS. See **BIERMAN, A.**

- BOLDREY, EDWIN, NAFFZIGER, HOWARD C., and ARNSTEIN, LAWRENCE H.**: Signs and symptoms of supratentorial brain tumors in childhood (ab), Aug., 272

- BOND, TOM B., and ARCHER, MAURICE C.**: Intravaginal roentgen therapy of carcinoma of the cervix. Preliminary report on 14 cases (ab), July, 148

- BOND, V. P., SWIFT, M. N., ALLEN, A. C., and FISHLER, M. C.**: Sensitivity of abdomen of rat to x-irradiation (ab), Aug., 303

—See **GOLDSCHMIDT, LEONTINE**

- BONE, FRANK C., RUFFIN, JULIAN M., BAYLIN, GEORGE J., and CASSEL, CHESTER**: Clinical course of idiopathic ulcerative colitis. Prognostic implications (ab), Aug., 285

BONES

- See also Cranium; Spine; Wrist; under names of bones
- age determination: conflicting evidence presented by

- anatomical and radiological data of skeleton (ab), J. A. Keen, Nov., 780

- frequent occurrence of parosteal new bone formation in transverse paraplegia (ab), H. Lüdeke, Sept., 462
- study of viability of autogenous frozen bone grafts by means of radioactive phosphorus (ab), Clifford L. Kiehn, et al., Aug., 300

- atrophy
- osteoporosis and diffuse plasmacytosis (ab), E. Morvay, Nov., 781

- progressive diaphyseal dysplasia (Engelmann's disease) (ab), James B. Gillespie and Robert D. Mussey, Nov., 781

- cancer

- roentgen and steroid hormone therapy in mammary cancer metastatic to bone (ab), L. H. Garland, et al., Oct., 620

- use of radioactive phosphorus in treatment of carcinoma of breast with widespread metastases to bone (ab), Hymer L. Friedell and John P. Storaasli, Sept., 474

- cysts

- solitary cyst (ab), Marcus J. Stewart and H. A. Hamel, Oct., 609

- diseases. See also Osteitis; Osteochondritis; Osteosclerosis; other headings under Bones

- blastomycosis; case (ab), Karl S. Alfred and Maxwell Harbin, Sept., 458

- coccidioidomycosis and tuberculosis in same bones; case (ab), Charles G. Fraser, et al., Dec., 912

- fibrocystic disease of bone (ab), H. A. Thomas Fairbank, July, 140

- fractures. See Fractures

- new hereditary skeletal condition in group of osteogenesis imperfecta (ab), R. Baumann-Schenker, Sept., 460

- marrow

- multiple myeloma (ab), Lars Andra, July, 139

- multiple myeloma; analysis of 21 proved cases (ab), Stephen White and Arthur J. Tillinghast, Aug., 287

- multiple myeloma; 2 cases without bony change on radiologic examination (ab), Warren Smith, Sept., 460

- multiple myeloma; variability of roentgen appearance and effect of urethane therapy on skeletal disease (ab), R. Wayne Rundles and Robert J. Reeves, Oct., 609

- osteoporosis and diffuse plasmacytosis (ab), E. Morvay, Nov., 781

- plasmacytoma of lymph node; case with multiple myeloma (ab), Morris A. Simon and S. Eidlow, Oct., 610

- single cell autographs of bone marrow and blood from rats using radioactive phosphorus (ab), William I. Morse, 2nd, Oct., 626

- pathology

- adolescent deficiency disease; case (ab), Jarvis M. Smith, Dec., 912

- clinical manifestations of congenital neurofibromatosis (ab), H. Repton McCarroll, Sept., 462

- Gaucher's disease in bone (ab), J. Kulowski, Aug., 288

- generalized hyperostosis and similar systemic diseases (ab), Alfred Vogt, Sept., 460

- infantile cortical hyperostosis (ab), Harold W. Hermann, et al., Oct., 611

- infantile cortical hyperostosis; case with observations at autopsy (ab), Joseph I. Mossberger, Sept., 460

- skeletal and periarticular manifestations of hypervitaminosis D (ab), William R. Christensen, et al., Dec., 911

- skeletal changes in sickle-cell anemia; unusual case (ab), Allen E. Hamburg, Sept., 461

- skeletal lesions of leukemic children treated with aminopterin (ab), Felix E. Karpinski, Jr., and James F. Martin, July, 141

- tumors

- central malignant chondroma (ab), John H. Fodden, Sept., 458

- differential diagnosis of malignant tumors (ab), Mark B. Coventry, Oct., 608

- giant-cell tumor; current status of problems in diagnosis and treatment (ab), Louis Lichtenstein, Dec., 910

- incomplete removal of osteoid-osteoma (ab), G. M. Morrison, et al., Aug., 288

- natural course of osteoid osteoma (ab), Erik Moberg, Dec., 911

- osteoid osteoma: clinicopathologic study of 20 cases (ab), Malcolm B. Dockerty, et al., Dec., 911

- x-ray diagnosis and radiation therapy of osteoclastoma (benign solitary giant-cell tumor of the bones). Zurich experiences 1920-1949 (ab), E. Mignoli and U. Cocchi, Sept., 458

- BONÉT-MAURY, P., and PATTI, F.**: Lethal irradiation of mice with high doses of roentgen and gamma rays, Sept., 419

- BONNETT, DOVELL.** See **LLOYD, FREDERICK A.**

- BONOMINI, BRUNO.**: Transitory invaginations of the small bowel (ab), Oct., 606

- BONTE, G., and DESRUELLES, J.**: Thrombosis of the terminal aortic bifurcation. Clinical and aortographic study (ab), Dec., 905

BOOK REVIEWS

- Assmann, Herbert.** Die klinische Röntgendiagnostik der inneren Erkrankungen, July, 117

- Barclay, Alfred E.** Micro-Arteriography and Other Radiological Techniques Employed in Biological Research, Dec., 890

BOOK REVIEWS—cont.

- Calame, André. Le Syndrome de Morgagni-Morel: Étude Anatomico-Clinique. Hyperostose Frontale Interne, Adiposité, Virilisme et Troubles Neuro-Psychiques, Oct., 580
- Chiray, M., Gutmann, R. A., and Sénèque, J. Confrontations Radio-Anatomo-Cliniques, Aug., 264
- Davidoff, Leo M., and Dyke, Cornelius G. The Normal Encephalogram, Aug., 263
- Davidoff, Leo M., and Epstein, Bernard S. The Abnormal Pneumoencephalogram, Aug., 262
- Delherm, L. Nouveau Traité D'Électro-Radiothérapie, edited by Coliez, et al., 436
- Glauner, R. Die Entzündungsbestrahlung, Aug., 264
- Key, John Albert, and Conwell, H. Earle. Management of Fractures, Dislocations, and Sprains, Dec., 890
- Markovits, Emerik. Visceral Radiology, Nov., 756
- Poppel, Maxwell H. Roentgen Manifestations of Pancreatic Disease, Dec., 889
- Ritvo, Max. Chest X-Ray Diagnosis, Oct., 580
- Russ, Sidney. Physics in Medical Radiology, July, 116
- Sarnat, Bernard G., and Schour, Isaac. Oral and Facial Cancer, July, 117
- Schinz, H. R., Baensch, W. E., Friedl, E., Uehlinger, E., et al. Lehrbuch der Röntgendiagnostik, Aug., 263
- Shanks, S., Cochrane, and Kerley, Peter. A. Text-book of X-Ray Diagnosis, Dec., 889
- Way, Stanley. Malignant Disease of the Female Genital Tract, July, 116
- BOOKS RECEIVED** (not reviewed)
- Boone, Bert R., Gillick, Frederick G., Morgan, Russell H., and Oppenheimer, Morton J., editors. Proceedings of the First Conference on Electrokymography, May 25-26, 1950, Sept., 435
- Cosslett, V. E. Practical Electron Microscopy, Dec., 889
- Dotter, Charles T. Angiocardiography. Annals of Roentgenology, Vol. XX, Nov., 756
- Ecker, Arthur. The Normal Cerebral Angiogram, Nov., 756
- Eggert, John. Einführung in die Röntgenphotographie, Oct., 580
- Erbslöh, J. Über die röntgenologischen Darstellungsmöglichkeiten des weiblichen Genitalapparates mit Hilfe von Jodöl und Jodöl, Oct., 579
- Franzell, Arne. Soft Tissue Radiography. Technical Aspects and Clinical Applications in Examination of Limbs. Acta radiol. Suppl. 85, Sept., 436
- Hessen, Ingemar. Roentgen Examination of Pleural Fluid. Acta radiol. Suppl. 86, Sept., 436
- Industrial Uses of Radioactive Fission Products, Report to U. S. Atomic Energy Commission, Dec., 889
- Karsner, Howard T. Tumors of the Adrenal, Oct., 579
- Levinson, Samuel A., and MacFate, Robert P. Clinical Laboratory Diagnosis, Dec., 888
- Lönnberglad, Lars. Transit Time Through the Small Intestine. Roentgenologic Study on Normal Variability. Acta radiol. Suppl. 88, Sept., 436
- Medical Annual, A Year Book of Treatment and Practitioners' Index. Tidy, Henry, and Short, A. Rendle, editors, Oct., 579
- Medical Radiographic Technic, General Electric X-Ray Corporation, Oct., 579
- Meschan, Isadore. An Atlas of Normal Radiographic Anatomy, Dec., 888
- Narath, Peter A. Renal Pelvis and Ureter, Nov., 756
- Norman, Olof. Studies on the Hepatic Ducts in Cholangiography. Acta radiol. Suppl. 81, Sept., 436
- Radner, Stig. Vertebral Angiography by Catheterization. A New Method Employed in 221 Cases. Acta radiol. Suppl. 87, Sept., 436
- Reese, Algren B. Tumors of the Eye, July, 116
- Reindell, Herbert, and Kleppig, Helmuth. Die neuzeitlichen Brustwand und Extremitäten-Ableitungen in der Praxis, Nov., 756
- Saidman, Jean, and Meyer, Jean. Les Ondes Courtes en Thérapie, Oct., 580
- Schlumberger, Hans George. Tumors of the Mediastinum, Oct., 579
- Schmid, F. Die generalisierten Tuberkulosen, Nov., 756
- Shortliff, Forrest E. Children's Radiographic Technic, Sept., 435
- Steel, David. Roentgen Anatomy (Roentgen Anatomia), Nov., 756
- Steffens, Walter. Verletzungen der Lungen und des Brustkorbes. Frühverlauf und Spätfolgen mit besonderer Berücksichtigung der Lungentuberkulose. Kritische Beobachtungen über 3 Jahrzehnte an fast 4000 Verletzten des Weltkrieges 1914/1918, Oct., 580
- Steindler, Arthur. Post-Graduate Lectures on Orthopedic Diagnosis and Indications, July, 115
- Stewart, Fred W. Tumors of the Breast, Oct., 579
- Stout, Arthur Purdy. Tumors of the Peripheral Nervous System, Oct., 579
- Tenth Semiannual Report of the Atomic Energy Commission, July, 1951, Sept., 435
- Wahl, Arthur C., editor, and Bonner, Norman A., assistant editor. Radioactivity Applied to Chemistry, Sept., 435
- Weyl, Charles, and Warren, S. Reid, Jr. Radiologic Physics, Nov., 756
- BORNSTEIN, S.** See MURPHY, J. D.
—See SANDLER, BENJAMIN P.
- BOROVSKY, MAXWELL P.**: Appendiceal abscess in a four month old infant (ab), Oct., 607
- BORSELLA, CARLO**: Pulmonary infiltration with a positive Wassermann reaction (ab), Dec., 901
- BOST, FREDERIC C.** See LARSEN, LOREN J.
- BOUCOT, KATHARINE R.**: Mass surveys as case-finding techniques for pulmonary neoplasms (ab), Oct., 595
—See GEFTER, WILLIAM I.
- BOURNE, GEOFFREY, and WELLS, B. G.**: Measurement of heart size (ab), Dec., 903
- BOWEL**. See Intestines
- BOWERS, R. E.**: Treatment of haemangiomatous naevi with thorium X (ab), Dec., 919
- BOYD, R. WALLACE**: Adrenal neuroblastoma (ab), July, 138
- BRACK, C. BERNARD, and FARBER, GEORGE J.**: Carcinoma of the female urethra (ab), Oct., 621
- BRAHMS, SIGMUND A.** See GORDON, ALVIN J.
- BRAIN**
- See also Corpus Callosum; Pituitary Body
 - angioblastoma of ethmoid and frontal sinuses complicated by osteomyelitis of frontal bone and epidural abscess (ab), Morley T. Smith, et al., Aug., 274
 - intracranial calcification probably due to toxoplasmosis (ab), R. Le Bihan, et al., Dec., 898
 - irritating effect of iodized vegetable oils on brain and spinal cord when divided into small particles (ab), Rudolph Jaeger, Oct., 592
 - repair of large radiation ulcers situated over heart and brain (ab), John M. Converse, et al., Dec., 924
 - use of radioactive iodine, radioactive phosphorus, and radioactive sodium in determination of cerebral and muscle clearance (ab), Joseph B. Boatman, et al., July, 152
- abnormalities**
- hydronencephaly: clinical diagnosis; 7 cases (ab), Wallace B. Hamby, et al., Aug., 272
 - simulation of herniated cervical disk by Arnold-Chiari deformity; 2 cases in adults (ab), J. A. Colclough, Oct., 611
- blood supply**. See also Aneurysm; Brain, tumors; Thrombosis
- angiographic demonstration of an anatomic variation in the position of the transverse dural sinuses (ab), Bernard S. Epstein, Sept., 407
 - arteriovenous anomalies; surgical experiences (ab), Robert C. Bassett, Nov., 764
 - carotid-intimal jugular anastomosis in the Rhesus monkey: angiographic and gasometric studies (ab), E. S. Gurdjian, et al., Oct., 592
 - cerebral angiography (ab), J. B. Curtis, Dec., 897
 - cerebral angiography in diagnosis (ab), R. B. Raney and Aidan A. Raney, Sept., 433
 - cerebral arteriography in general hospital practice, Ralph C. Moore, Oct., 487
 - cerebral stereangiography (ab), B. G. Ziedses des Plantes, Oct., 589
 - complications following use of neo-iodipax in cerebral angiography (ab), Lyle A. French and Paul S. Blake, Oct., 589
 - complications of angiography (ab), Rembrandt Dunsmore, et al., Nov., 764
 - dural sinus venography, Bronson S. Ray, Howard S. Dumbard and Charles T. Dotter, Oct., 477
 - dural sinus venography as an aid to diagnosis in intracranial disease (ab), Bronson S. Ray, et al., Nov., 764
 - intracranial angiography in treatment of cerebral vascular accidents; reports of cases and review of literature (ab), Frank W. Lusignan and Glen O. Cross, Aug., 273
 - rapid serial angiography (ab), Walpole Lewin, Oct., 588
 - revascularization after carotid-jugular anastomosis assessed by angiography (ab), I. M. Tarlov, et al., Nov., 764
 - tolerance of cerebral vessels to contrast media of diodrast group in animal experiments and in man (ab), Ollie Olsson, Oct., 588
 - venous shunts in bilateral parasagittal meningioma (ab), Jefferson Browder and Harry Kaplan, Aug., 272
- calcification**
- encephalotrigeminal angiomas (Sturge-Weber syndrome), with particular reference to roentgen aspects before and after neurosurgery (ab), John R. Green, et al., Aug., 273
- hematoma**
- calculated intracerebral hematoma: case report and review of the literature (ab), Frank W. Lusignan and Glen O. Cross, July, 125
 - intracranial angiography in treatment of cerebral vascular accidents; reports of cases and review of literature (ab), Frank W. Lusignan and Glen O. Cross, Aug., 273
- roentgenography**
- See also Brain, blood supply; Brain, tumors; etc.
 - air embolism during pneumoencephalography (ab), F. C. Coleman, et al., Aug., 273
 - alterations in renal function, including hematuria, in man during intracranial air studies. Alterations in cardiac function (ab), S. J. Weinberg, et al., Nov., 767
 - examination of third and fourth ventricles by means of small quantities of air (ab), B. G. Ziedses des Plantes, Sept., 443
 - isolated filling of posterior part of third ventricle by air in obstructions of aqueduct of Sylvius (ab), H. Verbiest, Sept., 413
 - pneumoencephalographic changes following prefrontal leukotomy (Freeman-Watts technic) (ab), Isadore Meschan and Joe B. Scruggs, Dec., 898
 - positive contrast ventriculography (ab), J. W. D. Bull, Oct., 588

- BRAIN, roentgenography**—*cont.*
 —special device for encephalography (ab), B. G. Ziedes des Plantes, Oct., 588
tumors. See also Cerebellopontine Angle
 —angioma; radiologic study (ab), Guido Lombardi, Dec., 897
 —carotid angiography: its value in premalignant intracranial conditions (ab), Arthur A. Morris and O. Hugh Fulcher, Nov., 763
 —cerebral angiography in neurosurgery. I. Angiographic appearances in cerebral tumors. II. Angiographic appearances in intracranial aneurysms (ab), J. L. Dowling, July, 124
 —encephalographic examination of tumors in posterior fossa (ab), E. Lindgren, Oct., 588
 —localization of neoplasms with radioactive diiodofluorescein (ab), Robert Woolsey and George Thoma, Nov., 765
 —radioactive di-iodo¹³¹-fluorescein: health physics aspect of its use for diagnostic studies (ab), George V. LeRoy, et al., Nov., 766
 —radioactive diiodofluorescein in diagnosis and localization of central nervous system tumors (ab), Loyd Davis, et al., Nov., 765
 —radiotherapy (ab), D. den Hoed, Sept., 470
 —roentgen therapy of primary neoplasms, Jacob R. Freid and Leo M. Davidoff, July, 25
 —roentgen therapy supplementing surgery in treatment of gliomas (ab), G. M. Tice and N. W. Irving, Oct., 619
 —signs and symptoms of supratentorial tumors in childhood (ab), Edwin Boldrey, et al., Aug., 272
 —ventriculography of temporal tumors (ab), Reinhold Lorenz, Jan., 124
- BRONCHIAL APPARATUS**
 —bronchiogenic cancer (malignant bronchioma); case (ab), Hayes Martin, et al., Oct., 619
- BRONCHIOMA.** See Bronchial Apparatus
- BRANNOY, LELAND E.** See SHEDDON, C. HUNTER
- BRASON, FREDERICK W.**, **ESCHNER, EDWARD G.**, **SANES, SAMUEL**, and **MILKEY, GUSTAVE**: Secondary carcinoma of the pharynx, Dec., 864
- BRAY, S. D.** See PORTER, H. K.
- BREAST.**
 See also Tumors, experimental
cancer
 —diagnosis of tumors of breast by simple roentgenography: calcifications in carcinomas (ab), Raúl Leborgne, Dec., 605
 —hormone therapy in relation to radiotherapy in advanced carcinoma (ab), Basil A. Stoll, Oct., 620
 —palliative treatment of advanced mammary cancer (ab), Charles Eckert and William B. Seaman, Sept., 471
 —radiation therapy as an adjunct to surgery (ab), Benjamin F. Byrd, Jr., Dec., 917
 —results of treatment, 1929 to 1943 (ab), Jørgen Saugmann-Jensen and Paul Jacoby, Nov., 786
 —roentgen and steroid hormone therapy in mammary cancer metastatic to bone (ab), L. H. Garland, et al., Oct., 620
 —“single-portal-massive-dose” x-ray therapy technic for certain upper respiratory tract, parotid gland, and recurrent breast cancers, Milton Friedman and Lawrence A. Davis, Dec., 797
 —steroids in cancer, Rieva Rosh and George G. Green, Dec., 837
 —use of radioactive phosphorus in treatment of carcinoma of breast with widespread metastases to bone (ab), Hymer L. Friedell and John P. Storaasli, Sept., 474
- BRECK, LOUIS W.** See LEONARD, MORTON H.
- BRETNEY, R.**, and **HAMPTON, AUBREY O.**: Anomalies of the gastrointestinal tract. A review of the literature and report of two unusual cases (ab), Oct., 604
- BRIDENBAUGH, RICHARD B.** See MOORE, GEORGE E.
- BRIGGS, ALFRED D.**: Primary complex of pulmonary tuberculosis (ab), Sept., 446
- BRINES, OSBORNE A.** See FRANCE, CHARLES J.
- BRINGHURST, L. S.** See GERSHON-COHEN, J.
- BRÖBECK, OLAF**: Haemangioma of vertebra associated with compression of the spinal cord (ab), Aug., 289
- BROMINE COMPOUNDS**
 —effect of roentgen rays upon some simple aliphatic brom compounds (ab), A. Meister and W. Minder, July, 155
- BRONCHI**
 See also Asthma. Bronchiectasis; Foreign Bodies
 —bronchopulmonary hypoxigenesis: diagnosis in the living (ab), Isadore Meschan and Joseph D. Calhoun, Nov., 770
 —hemoptysis due to elimination by way of a bronchus, of sanguous fragment in course of osteomyelitis of first rib (ab), André Meyer, et al, Dec., 914
 —importance of bronchial changes caused by tuberculous bronchial nodes during course of tuberculosis in childhood (ab), H. Wissler, Oct., 594
 —obstructing intrabronchial Hodgkin's disease; case (ab), John F. Higgins and Jerome T. Grismer, Nov., 787
 —significance of bronchial perforation in tuberculosis of endothoracic lymph nodes, including some remarks about the publication of Ph. Schwartz (ab), O. Görgényi-Göttsche and D. Kassay, Dec., 899
 —unusual conditions simulating pulmonary atelectasis, with case reports of agenesis and hypoplasia of lung and of fracture of bronchus, together with report of case of massive atelectasis included for comparison (ab), Robert E. Priest, Nov., 771
- cancer.** See also Lungs, cancer
 —bronchogenic carcinoma as a differential diagnostic problem in pulmonary disease: carcinoma arising from major bronchi uncomplicated by secondary infection (ab), John H. Moyer and Alfred J. Ackerman, Dec., 898
 —contribution of roentgen tomography to the demonstration of carcinoma (ab), Eugen Muntean, July, 126
 —early detection of bronchogenic carcinoma (ab), Robert R. Shaw, Aug., 275
 —nitrogen mustard as an adjunct to radiation in management of bronchogenic cancer, Bernard Roswit and Gustave Kaplan, Sept., 384
 —primary bronchogenic carcinoma; review of 130 cases (ab), Thomas Lodge, Sept., 449
 —radiologist's responsibility in bronchogenic cancer (ab), A. C. Singleton, Nov., 772
 —roentgen diagnosis of carcinoma as prerequisite to pneumonectomy (ab), A. Leb, July, 126
 —role of radiologist in diagnosis of bronchogenic carcinoma (ab), Cesare Gianturco, Oct., 596
 —value of roentgen examination in diagnosis of bronchogenic cancer (ab), P. Flemming Möller, Sept., 448
- roentgenography.** See also Bronchi, cancer
 —bronchography with Joduron B, a water-soluble contrast medium (ab), Carmelo Scarinci, Nov., 768
 —changes in lung tissues following bronchography with Joduron B (ab), W. Vischer, Dec., 900
 —in pulmonary tuberculosis (ab), Paul Rabinowitz and Ian S. H. Harper, Dec., 899
 —pontocaine and bronchography (ab), E. Stutz, Sept., 449
 —technic, indications, and results of bronchography with a water-soluble viscous contrast medium (Joduron “B”) (ab), S. K. Fischer, Oct., 593
 —topographical visualization of bronchial tree (ab), Paul Ch. Schmid, Nov., 768
 —water-soluble contrast medium for bronchography; report on clinical use (ab), Robert J. Atwell and Robert L. Pedersen, Nov., 768
 —mycosis. See Aspergillosis
- BRONCHIECTASIS**
 —atelectasis and bronchiectasis in pertussis (ab), A. W. Lees, Oct., 594
 —Kartagener syndrome (ab), Samuel Cohen, et al., Nov., 773
 —Kartagener's triad; review of literature and report of case (ab), H. S. Zuckerman and L. R. Wurtzebach, Dec., 901
 —situs inversus, bronchiectasis, and sinusitis; report of family with 2 cases of Kartagener's triad and 2 additional cases of bronchiectasis among 6 siblings (ab), W. H. Bergstrom, et al., Aug., 280
- BROWDER, JEFFERSON, and KAPLAN, HARRY**: Venous shunts in bilateral parasagittal meningioma (ab), Aug., 272
- BROWN, CRAWFORD S.**, **HARDENBERG, ESTHER**, and **TULLIS, JOHN L.**: Biochemical, cellular, and bacteriologic changes in thoracic duct lymph of dogs exposed to total body irradiation (ab), Nov., 794
- BROWN, DAVID VAN.** See COHEN, LAWRENCE J.
- BROWN, DWIGHT J., JR.** See THORNTON, WILLIAM N., Jr.
- BROWN, JOHN R.** See LEE, C. MARSHALL, JR.
- BROWNE, J. C. MCCLURE, and VEALL, N.**: A method of locating the placenta in the intact human uterus by means of radioactive sodium (ab), July, 144
- BRUCE, ROBERTA YU, PAUL N. G. LOVEJOY, FRANK W., JR., McDOWELL, MARION E., and PEARSON, RAYMOND**: Ventricular tachycardia during cardiac catheterization of patient with Wolff-Parkinson-White syndrome. Report of a case showing effects of atropine sulfate (ab), July, 133
- BRUES, AUSTIN M.**: Place of radioactive isotopes in therapy (ab), Oct., 622
- BRUSKEWITZ, HAROLD W.** See EWELL, GEORGE H.
- BRYANT, ZELLA**: Tuberculosis case finding in general hospitals (ab), Aug., 277
- BUCKSTEIN, JACOB, and REICH, STANLEY**: Lateral pharyngeal diverticula as a cause of dysphagia (ab), Nov., 767
- BUCKY, GUSTAV, BLANK, FREDERICK, and DISTELHEIM, IRVING H.**: Influence of grenz rays on histamine-induced manifestations (ab), July, 154
- BUGDEN, WALTER F.**: Asymptomatic and circumscribed lesions of the chest (ab), Oct., 592
- BUJARD, E.** See JADASSOHN, W.
- BULL, H. C. H.**: Geometries of the pelvic outlet (ab), Dec., 914
- BULL, J. W. D.**: Positive contrast ventriculography (ab), Oct., 588
- BUNTS, R. CARL**. See PATE, VIRGIL A., JR.
- BURCH, G. E.** See RAY, C. T.
- BURFORD, THOMAS H.** See BERG, RALPH, JR.
- BURKE, MARY H.** See BICKERSTAFF, HUGH J.
- BURNETT, JACK M.**, and **ST. JOHN, ELMER**: Primary melanosarcoma of the esophagus, Dec., 868
- BURRAGE, WALTER S.** See LUCE, JAMES C.
- BURSA**
 —roentgen therapy for bursitis of shoulder (ab), David Robinson, Aug., 297
- BURSTONE, M. S.** Effect of radioactive phosphorus upon the development of the embryonic tooth bud and supporting structures (ab), Nov., 791
- Studies on the effect of radioactive colloidal gold on the development of the oral structures of the mouse (ab), Oct., 626

- BUSCH, ELIZABETH.** See **CARTER, ROBERT E.**
- BUSH, JAMES A.** See **YULE, CHARLES L.**
- BUSHARD, M. C.** See **WEINBERG, S. J.**
- BUTLER, FRANK S.** See **CAHAN, WILLIAM G.**
- BYRD, BENJAMIN F., Jr.**: Radiation therapy as an adjunct to surgery in cancer of the breast (ab), Dec., 917
- BYRNE, R. N.** See **GERSHON-COHEN, J.**
- C
- CADE, STANFORD**: Soft tissue tumors: their natural history and treatment (ab), Dec., 918
- CAHAN, WILLIAM G., BUTLER, FRANK S., WATSON, WILLIAM L., and POOL, JOHN L.**: Multiple cancers: primary in the lung and other sites (ab), Aug., 276
- CALCANEUM**: —spurs of calcaneus in Strümpell-Marie disease; 15 cases (ab), Joe B. Davis and Harry C. Blair, Sept., 464
- CALCIFICATION**: See also **Brain**; **Heart**; **Lungs**; etc.
—adult renal osteitis fibrosa with metastatic calcification and hyperplasia of one parathyroid gland; case (ab), E. Arthur Dreskin and Theodore A. Fox, Aug., 286
—extreme calcinosis interstitialis (ab), Moore Moore, Jr., and Charles L. Clarke, Sept., 462
—long standing renal insufficiency with extensive metastatic calcifications (renal osteitis fibrosa cystica); case (ab), R. T. Levin and P. D. Genovese, Aug., 287
—universal interstitial calcinosis (ab), R. Clara and L. Thys, July, 143
- CALCINOSIS**. See **Calification**
- CALHOUN, JOSEPH D.** See **MESCHAN, ISADORE**
- CALLENDINE, GEORGE W., Jr.** See **BARNES, ALLAN C.**
- CAMP, JOHN D.** See **HODGSON, JOHN R.**
- CAMP, JOHN D.**, honored, Sept., 435
- CAMPBELL, ROSS M.** See **CONVERSE, JOHN M.**
- CAMPLANI, MARIO**: Aberrant pancreatic tissue in the gastric antrum. A roentgen study (ab), Aug., 283
- CANCER**: See also under names of organs; **Tumors, experimental**
—cancer seminar, Penrose Cancer Hospital, Aug., 260
—multiple cancers: primary in lung and other sites (ab), William G. Cahan, et al., Aug., 276
—Southeastern States Cancer Seminar, Nov., 755
- metastases**. See also **Bones, cancer**; **Lungs, cancer**; **Lymph Nodes**
—radioactive iodine studies following hemithyroidectomy for carcinoma of thyroid: possible aid in diagnosis of early metastases; case (ab), Kenneth R. Crispell, Nov., 790
—thyroid carcinoma with multiple metastases and pathological fracture, successfully treated with radioiodine; case, Joseph Sorrentino, Bernard Roswit, and Rosalyn Yallow, Nov., 729
—treatment by radioactive iodine of cancer and metastases of thyroid origin (ab), J. Chester, et al., Nov., 790
- radiotherapy**: —combined radiation therapy and surgical treatment of technically inoperable cancer, George T. Pack and Theodore R. Miller, Oct., 529
—possible application of isotopes to management (ab), Simeon T. Cantril, Dec., 921
—radiological end results in control (ab), L. H. Garland, Aug., 294
- CANTRIL, SIMEON T.**: On the possible application of isotopes to the management of cancer (ab), Dec., 921
- CARABELLO, CHARLES A.** See **WYATT, TYREE C.**
- CARBON-14**. See **Radiactivity**
- CARBON MONOXIDE**: —placental barrier in carbon monoxide, barbiturate and radium poisoning: some original observations in humans (ab), Harrison S. Martland and Harrison S. Martland, Jr., July, 154
- CARCINOSARCOMA**. See **Uterus**
- CARDIOHEPATIC ANGLE**: —roentgen diagnosis of pericardial effusion, with special reference to appearance of barium-filled esophagus and cardiohepatic angle, George Levene and Seymour A. Kaufman, Sept., 373
- CARDIOVASCULAR SYSTEM**: See also **Aorta**; **Coronary Vessels**; **Heart**; etc.
—cardiovascular effects of diodrast; experimental study (ab), Alvin J. Gordon, et al., Oct., 617
—compression of trachea or esophagus by vascular anomalies; surgical therapy in 40 cases (ab), Robert E. Gross and Edward B. D. Neuhouser, Nov., 770
—disorders of cardiovascular system occurring with catheterization of right side of heart (ab), Walter T. Zimdahl, Dec., 904
- roentgenography**: —angiography in artificial pneumothorax (ab), Israel Steinberg, et al., Aug., 277
—arteria lusoria in the roentgenogram (ab), A. Ravelli, Nov., 775
—blood-pressure changes during angiography (ab), Sheila Howarth, Oct., 602
—pectus excavatum: case with pre- and postoperative angiographic studies (ab), Ralph A. Dorner, et al., Aug., 280
—persistent ductus arteriosus: importance of angiography and thoracic aortography in diagnosis and pre-operative study (ab), Manuel Malenchini and Teo Rock, Nov., 775
- radiography in rapid sequence; preliminary report, Stanley M. Wyman and Frank Scholz, Nov., 748
- simultaneous angiocardiotomography (ab), B. Lindemann, Nov., 774
- use of 9½-inch roll-film cassette with conventional spot-filming fluoroscopic tables for angiography, John H. Wentworth, Nov., 741
- CARDULLO, HUGO M., and BERENS, DAVID L.**: Tracheoesophageal fistula unassociated with atresia or stenosis: difficulties in diagnosis and suggestions for greater accuracy (ab), Oct., 604
- CAROB**: —behavior of carob gum in gastro-intestinal tract of man (ab), Arthur A. Holbrook, Dec., 906
- CARPUS**. See **Wrist**
- CARROLL, C. C.** See **RIEBEL, FRANK A.**
- CARROLL, DOUGLAS**: Chronic obstruction of major pulmonary arteries (ab), July, 129
- CARTER, B. NOLAND, GIUSEPPI, JEROME, and FELSON, BENJAMIN**: Traumatic diaphragmatic hernia (ab), Dec., 910
- CARTER, C. O.** See **BODIAN, MARTIN**
- CARTER, RAY A.** See **JACOBSON, GEORGE**
- CARTER, ROBERT E., BUSCH, ELIZABETH, and STRANG, VERDA**: Effect of vitamin B₁₂ on the leukopenia induced by radiation (ab), July, 154
- CASES, RAUL**. See **GASUL, BENJAMIN M.**
- CASSEL, CHESTER**. See **BONE, FRANK C.**
- CASSEL, MELVIN A.**: Treatment of post-thrombotic syndrome by interruption of superficial femoral vein (ab), Aug., 293
- CASSETTE**: See **Roentgen Rays, apparatus**
- CATHETERIZATION**. See **Aorta**; **Heart**; **Portal Vein**
- CAULEY, JOHN H.**: Results of the Boston chest x-ray survey (ab), Sept., 446
- CAVENAGH, JOHN B.** See **KAMMERLING, ERWIN**
- CAYLOR, CHARLES E.** See **TIRMAN, WALLACE S.**
- CAYLOR, HAROLD D.** See **COLLETT, HUGH S.**
- CAYLOR, TRUMAN E.** See **TIRMAN, WALLACE S.**
- CECUM**. See **Intestines**
- CEREBELLOPONTIC ANGLE**: —tumors: their roentgenologic manifestations, Philip J. Hodges, Eugene P. Pendergrass, and John M. Dennis, Sept., 395
- CEREBRUM**. See **Brain**
- CHAMBERS, F. W., Jr.** See **CHAPMAN, W. H.**
- CHAMOVITZ, DAVID L.** See **FREEDBERG, A. STONE**
- CHANUTIN, ALFRED**. See **LUDEWIG, STEPHAN**
- CHAPMAN, W. H., CRONKITE, E. P., CHAMBERS, F. W., Jr., and MORGAN, J. E.**: Experimental procedures for the simultaneous exposure of large numbers of animals to total body x-radiation, July, 90
- CHAUSSÉ, C.**: Localization of foreign bodies in the eye by stereoradiographic transposition (ab), Sept., 470
- Three angles of incidence for the examination of the os petrosum (ab), Sept., 443
- CHAVOIX**. See **REBOUL, J.**
- CHEMOTHERAPY**: See also **Nitrogen Mustard**; etc.
—possibility of protecting the living organism against roentgen rays by chemical means (ab), Arne Forssberg, Sept., 476
- CHERYN, L. S.** See **MASOURIDES, S. P.**
- CHERUBISM**. See **Jaws**
- CHEST**. See **Thorax**
- CHESTER, J., LERCH, P., and VANNOTTI, A.**: Concerning treatment by radioactive iodine of cancer and metastases of thyroid origin (ab), Nov., 790
- CHILD, CHARLES G., III, O'SULLIVAN, WARD D., PAYNE, MARY A., and McCLURE, ROY B., Jr.**: Portal venography. Preliminary report, Nov., 691
- CHILDREN**: See also **Aorta**; **Heart**; **Infants, Newborn**; **Intussusception**; **Kidneys, tumors**; **Tuberculosis, Pulmonary**; **Vitamins**
—appendiced abscess in 4-month old infant (ab), Maxwell P. Borovsky, Oct., 607
- congenital dislocation of hip in the newborn and in early postnatal life (ab), Vernon L. Hart, Aug., 290
- diagnosis of tricuspid stenosis or stenosis in infants; 10 cases (ab), Benjamin M. Gasill, et al., Nov., 775
- duodenitis in childhood (ab), James B. Gillespie and Richard E. Dukes, Aug., 284
- effect of transfusions and antibiotics upon duration of life in children with lymphogenous leukemia (ab), Howard R. Bierman, et al., Aug., 297
- improved pediatric excretory urography (ab), L. P. Matthei, July, 145
- intestinal obstruction in infants and children (ab), Kenneth C. Sawyer and Horace P. Marvin, Dec., 907
- lumbar neural arch: roentgenographic study of ossification (ab), George G. Rowe and Maurice B. Roche, Sept., 463
- multiple fractures associated with subdural hematoma in infancy (ab), Edward F. Lis and George S. Frauenberger, Nov., 781
- pulmonary infiltration and blood eosinophilia in children (Loeffler's syndrome). Review with report of 8 cases (ab), Rosa L. Nemir, et al., Nov., 773
- results of histoplasmin skin testing in children from the St. Louis, Mo., area (ab), John F. Lynch and E. Bryce Alpern, Nov., 773
- reticuloendotheliosis: treatment with roentgen rays, Donald S. Childs, Jr., and Roger L. J. Kennedy, Nov., 653

CHILDREN—cont.

- selective management of megacolon in infants and children (ab), C. Marshall Lee, Jr., et al., Aug., 285
- signs and symptoms of supratentorial brain tumors in childhood (ab), Edwin Boldrey, et al., Aug., 272
- skeletal lesions of leukemic children treated with aminopterin (ab), Felix E. Karpinski, Jr., and James F. Martin, July, 141
- thyroid cancer in childhood and adolescence; 28 cases (ab), B. J. Duffy, Jr., and Patrick J. Fitzgerald, Oct., 591
- traumatic periorbititis in young children (ab), George H. Barmeyer, et al., Dec., 912
- treatment of primary atypical pneumonia in children with aureomycin; 19 cases (ab), Charles E. Anderson, Jr., Sept., 445
- trichobezoar in a 4-year-old child (ab), Kenneth C. Sawyer, et al., July, 135

CHILDS, DONALD S., JR., and KENNEDY, ROGER L. J.: Re-ticulendotheliosis of children: treatment with roentgen rays, Nov., 653

CHLORETHYLAMINES (Nitrogen Mustard). See Bronchi, cancer; Hodgkin's Disease; Nitrogen Mustard

CHOLANGIOGRAPHY. See Biliary Tract

CHOLECYSTOGRAPHY. See Gallbladder

CHOLESTEATOMA. See Tumors, cholesteatoma

CHONDROANGIOPATHIA CALCAREA SEU PUNCTATA.

See Achondroplasia

CHONDRODYSPLASIA. See Achondroplasia

CHONDROMA. See Tumors, chondroma

CHRETIEN, J. See MEYER, ANDRE

CHRISTENSEN, WILLIAM R., LIEBMAN, CHARLES, and SOSMAN, MERRILL C.: Skeletal and periarticular manifestations of hypervitaminosis D (ab), Dec., 911

CINEFLUOROGRAPHY

—use of cinefluorographic method for teaching purposes (ab), L. Reynolds, et al., Aug., 294

CIOPOLLA, ANTHONY C.: Beryllium window radiations for superficial therapy (ab), July, 150

CIRCULATION. See Blood; Extremities

CIRRHOSIS. See Biliary Tract

CLAGETT, O. THERON. See ASHE, WILLIAM M.

—See SEYBOLD, WILLIAM D.

CLAIBORNE, HERBERT A. See STEWART, WELLINGTON B.

CLARA, R., and THYS, L.: Universal interstitial calcinosis (ab), July, 143

CLARK, DWIGHT E., TRIPPEL, OTTO H., and SHELINE, GLENN E.: Diagnostic and therapeutic use of radioactive iodine (ab), Nov., 789

—See SHELINE, GLENN E.

CLARK, OSCAR. See PORTER, WILLIAM B.

CLARKE, CHARLES L. See MOORE, MOORE, JR.

CLARKE, OWEN: Miniature radiography with 4 x 5 inch cut film (ab), Nov., 769

CLAY, RICHARD C., and HANLON, C. ROLLINS: Pneumoperitoneum in the differential diagnosis of diaphragmatic hernia (ab), Dec., 909

CLEVER, JOHN E.: Radioactive iodine for hyperthyroidism administered during early pregnancy (ab), Nov., 790

CLIFFORD, J. See TOCHILIN, E.

COCCCHI, U. See MIGNOLI, E.

COCCIDIODIMYCOSIS

—coccidioidomycosis and tuberculosis in same bones; case (ab), Charles G. Fraser, et al., Dec., 912

—outbreak of primary pulmonary coccidioidomycosis in Los Angeles County, Calif., (ab), Morton D. Kritzer, et al., Sept., 446

—review: progress of medical science (ab), J. Schwarz and J. Muth, Dec., 901

COCCYX

—congenital absence of sacrum and coccyx; 2 cases (ab), Vincent Del Duca, et al., Dec., 913

COHEN, JOSEPH. See SWITZER, JOHN L.

COHEN, LAWRENCE J., and BROWN, DAVID VAN: Osteoid osteoma: a case report (ab), Oct., 609

COHEN, PETER. See BIERMAN, HOWARD R.

COHEN, SAMUEL, GOLDSTEIN, JOSEPH D., and HAMILL, JOHN: The Kartagener syndrome (ab), Nov., 773

COHEN, SIDNEY, and WEINBERG, ARTHUR: The urinary bladder during parturition: a consideration of its location, injury, and repair (ab), July, 144

COLCHICINE

—effect of roentgen rays, gamma rays and beta rays on epidermal cell: experiments with "nipple-test" associated with Dustin's reaction (ab), W. Jadassohn, et al., Nov., 795

COLCLOUGH, J. A.: Simulation of herniated cervical disc by the Arnold-Chiari deformity: presentation of two cases in adults (ab), Oct., 611

COLE, VINTON V. See STERN, THOMAS N.

COLEMAN, F. C., SCHENKEN, J. R., and ABBOTT, W. D.: Air embolism during pneumoencephalography (ab), Aug., 273

COLEMAN, R. D., BECKS, H., KOHL, F., VAN NOUHUYNS, and COPP, D. H.: Skeletal changes in severe phosphorus deficiency of the rat. I. Tibia, metacarpal bone, costochondral junction, caudal vertebra (ab), July, 143

COLITIS

—clinical course of idiopathic ulcerative colitis; prognostic implications (ab), Frank C. Bone, et al., Aug., 285

—reversibility in ulcerative colitis: clinical and roentgenologic observations, Joseph B. Kirsner, Walter L. Palmer, and Arthur P. Klotz, July, 1

COLLETT, HUGH S., CAYLOR, HAROLD D., and TIRMAN, WALLACE S.: Choledocholithiasis (ab), Oct., 607

COLON

See also Colitis; Fistula; Intestines

—Hirschsprung's disease (ab), Martin Bodian, et al., Dec., 908

—selective management of megacolon in infants and children (ab), C. Marshall Lee, Jr., et al., Aug., 285

CANCER

—differentiation of diverticulitis and carcinoma: roentgenologic problem (ab), Robert G. Fraser and Carleton B. Peirce, Sept., 456

—early diagnosis (ab), Wendell G. Scott, Oct., 606

DIVERTICULA. See Intestines

OBSTRUCTION —congenital obstruction of transverse colon, Nathaniel Safran and Avrom M. Greenberg, Nov., 738

ROENTGENOGRAPHY

—end-to-end anastomosis of colon following resection; roentgen study of 42 cases (ab), Myer Sharpe and Ross Golden, Oct., 606

—surgical emphysema following double contrast enema; case (ab), Leonard Goldberg, Sept., 456

—tannic acid barium enema (ab), R. A. Kemp Harper and J. H. L. Conway-Hughes, Sept., 456

COLPOLSTAT. See Uterus, cancer

COLVER, HUGH D. See ROSENBLATT, MILLARD S.

COMBS, G. N. See LOVE, JESSHILL

COMEDOS

—postradiation comedos (ab), Milton S. Hartman, July, 153

COMPFT, MANDRED W., WEBER, HARRY M., BAGGENSTOSS, ARCHIE H., and KIELY, WILLIAM F.: Non-specific granulomatous inflammation of stomach and duodenum: its relation to regional enteritis (ab), Nov., 777

COMSTOCK, GEORGE W. See BICKERSTAFF, HUGH J.

CONCANNON, JOSEPH P. See CULVER, GORDON J.

CONDON, WILLIAM B. See HARPER, FRED R.

CONDRELLI, L., TURCHETTI, A., and PIDONE, G.: Posterior pneumomediastinum (ab), Dec., 901

CONDYLAR SYNDROME. See Cranium

CONTRAST MEDIA. See Barium; Iodine and Iodine Compounds; etc.

CONVERSE, JOHN M., CAMPBELL, ROSS M., and WATSON, WILLIAM L.: Repair of large radiation ulcers situated over the heart and the brain (ab), Dec., 924

CONWAY-HUGHES, J. H. L. See HARPER, R. A. KEMP

COOK, C. D. See BERGSTROM, W. H.

COOLEY'S ANEMIA. See Anemia

COOMBES, A. C. A., and ROCHE, E. H.: A fatal case of delayed hypersensitivity (anaphylactic) reaction to a test dose of vasiodone (ab), Oct., 617

COONRAD, R. W. See BAKER, LENOX D.

COPEL, JOSEPH W. See BICK, EDGAR M.

COPP, D. H. See COLEMAN, R. D.

COPPINGER, WILLIAM R. See SAWYER, KENNETH C.

COR PULMONALE. See Heart

CORBETT, HERBERT R.: Reticulum cell sarcoma of the rib (ab), Nov., 781

CORDRAY, DAVID P.: Basilar skull fractures (ab), Aug., 274

CORONARY VESSELS

—retrograde aortography with special catheter, including demonstration of coronary arteries (ab), Felix Pearl, et al., Oct., 616

CORPUS CALLOSUM

—agenesis of corpus callosum; lipoma of corpus callosum: their roentgen recognition and differentiation, Archie Sheinmel and Lewis R. Lawrence, July, 15

CORRIGAN, K. E. See REYNOLDS, L.

CORSERI, ROSARIO: Advantages of compression of the abdomen in roentgenography of the lumbo-sacro-coccygeal vertebrae (ab), Oct., 618

CORTISON. See Adrenal Preparations

COSGRIFF, STUART W., and KLIGERMAN, MORTON M.: Use of ACTH and cortisone in the treatment of post-irradiation pulmonary reaction, Oct., 536

COSTOCHONDRAL JUNCTION. See Ribs

COUGHLIN, EDWARD J., JR., GUARE, HOWARD T., and MOSKOVITZ, ABRAHAM J.: Chondrodyplasia calcificans congenita. Case report with autopsy findings (ab), Sept., 459

—See MORRISON, G. M.

COULTER, W. W., JR.: Experimental massive pulmonary collapse (ab), July, 131

COVENTRY, MARK B.: Differential diagnosis of malignant bone tumors (ab), Oct., 608

Flatfoot, with special consideration of tarsal coalition (ab), Sept., 468

COX, WALTER B. See BARMAYER, GEORGE H.

CRADDOCK, WALLIS L.: Cysts of the pericardium (ab), Oct., 603

CRAINZ, F.: Use of beta rays in climacteric metrorrhagia. A suggestion (ab), Aug., 298

CRANIUM

See also Head

—basilar fractures (ab), David P. Cordray, Aug., 274

—hyperostoses; short review (ab), A. Schüller, Oct., 590

—osteitis fibrosa cystica localisata (ab), John Paget, et al., July, 125

—radiography of fetal skull (ab), Th. Berkvens, Oct., 590

—radiologic examination in case of destructive posterior condylar syndrome (ab), P. Wetstein, Aug., 273

- CRAVER, LLOYD F.** See DIAMOND, HENRY D.
- CRAWFORD, E. M.**: Have we a radiographic sign of grave prognosis. A preliminary communication (ab), Sept., 453
- GRIFFITH, J. J.**, and **ROBERTS, P. H.**: Mesenteric cysts—a case report (ab), Nov., 780
- CRENSHAW, JAMES F.**: Dysfunctioning, non-calculus gall-bladder (ab), Nov., 779
- CRISPELL, KENNETH R.**: Radioactive iodine studies following hemithyroidectomy for carcinoma of the thyroid. A possible aid in the diagnosis of early metastases. A case report (ab), Nov., 790
- and PARSON, WILLIAM**: Lingual thyroid: the use of radioactive iodine, I^{131} , in the diagnosis and treatment (ab), Oct., 624
- CROHN'S DISEASE**. See Intestines, diseases
- CROMBIE, D. W.**, and **ANDRUS, PAUL M.**: Vertical tomography of the thorax (ab), July, 126
- CRONKIN, E. P.** See CHAPMAN, W. H.
- CROSS, GLEN O.** See LUSIGNAN, FRANK W.
- CULVER, GORDON J.**, **CONCANNON, JOSEPH P.**, and **MacMANUS, JOSEPH E.**: Pulmonary tuberculosas: pathogenesis, diagnosis, and management (ab), Oct., 594
- CURTIS, J. B.**: Cerebral angiography (ab), Dec., 897
- CUTIS GYRATA**. See Skin
- CYSTEINE**
- effect of cysteine on peripheral blood of the irradiated rat (ab). Harvey M. Patt, et al, July, 154
 - possibility of protecting the living organism against roentgen rays by chemical means (ab). Arne Forsberg, Sept., 476
- CYSTS**. See Bones; Esophagus; Kidneys; Liver; Lungs; Mesentery; Muller's Duct; Pancreas; Pericardium
- D**
- DAILEY, MORRIS E.** See MILLER, EARL R.
- DANIELS, JAMES T.** See RONGETTI, JOSEPH R.
- DANNENBERG, MAX**, **STORCH, CHARLES**, **STERNBERG, S.**, **DAVID**, and **HOFFMAN, CHARLES**: High gastrointestinal obstruction in the newborn infant: radiological interpretation (ab), July, 136
- DAVIDOFF, LEO M.** See FREID, JACOB R.
- DAVIDS, ARTHUR**. See GOLDBERGER, M. A.
- DAVIS, E. VERNON**. See DEL DUCA, VINCENT
- DAVIS, JOE B.** AND **BLAIR, HARRY C.**: Spur of the calcaneus in Strumpell-Marie disease. Report of fifteen cases (ab), Sept., 464
- DAVIS, LAWRENCE A.** See FRIEDMAN, MILTON
- DAVIS, LOYAL**, **MARTIN, JOHN**, **ASHKENAZY, MOSES**, **LEROY, GEORGE V.**, and **FIELDS, THEODORE**: Radioactive diiodofluorescein in diagnosis and localization of central nervous system tumors (ab), Nov., 765
- DAVIS, MARTIN W.** and **SIMON, THOMAS R.**: Alveolar cell tumor of the lung (ab), Nov., 772
- DAVIS, R. H.** See TOCHILIN, E.
- DEAN, GEOFFREY**: Seven cases of barium carbonate poisoning (ab), Sept., 454
- DEL DUCA, VINCENT**, **DAVIS, E. VERNON**, and **BARROWAY, JAMES N.**: Congenital absence of the sacrum and coccyx. Report of two cases (ab), Dec., 913
- DENNIS, JOHN M.** See HODES, PHILIP J.
- DESOXYCORTICOSTERONE**. See Adrenal Preparations
- DESURREL, J.** See BONTE, G.
- DEXTER, L.** See HEALEY, R. F.
- DIABETES MELLITUS**
- toxic goiter complicating dial-etes treated with radioactive iodine (I^{131}) (ab). Barkley Beidleman, Oct., 624
- DIAGNOSIS**. See Roentgen Rays, diagnosis
- DIAMOND, HENRY D.**, **CRAVER, LLOYD F.**, **WOODARD, HELEN Q.**, and **PARKS, GEORGE H.**: Radioactive phosphorus. I. In the treatment of lymphatic leukemia (ab), Aug., 299
- DIAPHRAGM**
- See also Hernia, diaphragmatic
 - roentgen pictures of lungs and diaphragm (ab), Max Lüdin, Sept., 444
- DIETRICH, KARL D.** See NEAL, M. PINSON
- DIGESTIVE SYSTEM**. See Foreign Bodies; Gastro-Intestinal Tract; Intestines; Stomach; etc.
- DI GUGLIELMO, L.** See SORICELLI, F.
- DINGLE, JOHN H.** See JORDAN, WILLIAM S., Jr.
- DIODRAST**. See Iodine and Iodine Compounds
- DIPALMA, S.**: New colpostat for the radium treatment of carcinoma of the cervix (ab), Aug., 295
- DISTELHEIM, IRVING H.** See BUCKY, GUSTAV
- DIURETICS**
- distribution of radiomercury in mercurial diuretic (mercurhydrin) in some of the body fluids of man (ab), C. T. Ray, et al, July, 152
- DIVERTICULA**. See Intestines; Pharynx; Stomach; Urethra
- DOCKERTY, MALCOLM B.**, **GHORMLEY, RALPH K.**, and **JACKSON, ALFRED E.**: Osteoid osteoma. Clinicopathologic study of 20 cases (ab), Dec., 911
- See LAMPERT, ELMER G.
- DODGE, HENRY W., Jr.** See SVIEN, HENDRICK J.
- DONNELLY, J. F.** See MAUZY, C. H.
- DORNER, RALPH A.**, **KEIL, PHILIP G.**, and **SCHISSEL, DONALD J.**: Pectus excavatum: case report with pre- and postoperative angiographic studies (ab), Aug., 280
- DOSAGE**. See Radiations; Roentgen Therapy; etc.
- DOSIMETER**. See Roentgen Rays, protection against
- DOTTER, CHARLES T.**, **PAYNE, MARY ANN**, and **O'SULLIVAN, WARD**: Catheterization of the portal vein in man following porto-caval anastomosis (ab), July, 147
- ROBERTS, DOUGLAS J., Jr.**, and **STEINBERG, ISRAEL**: Aortic length: angiographic measurements (ab), Oct., 602
- See RAY, BRONSON S.
- See STEINBERG, ISRAEL
- DOUTHWAITE, A. H.**, and **THORNE, M. G.**: Effects of hexamethonium bromide on the stomach (ab), Dec., 906
- DOWLING, J. L.**: Cerebral angiography in neurosurgery. Part I. Angiographic appearances in cerebral tumors. Part II. Angiographic appearances in intracranial aneurysm (ab), July, 124
- DOWNING, DANIEL F.**: Congenital aortic septal defect (ab), July, 132
- DRESKIN, E. ARTHUR**, and **FOX, THEODORE A.**: Adult renal osteitis fibrosa with metastatic calcification and hyperplasia of one parathyroid gland. Report of a case (ab), Aug., 286
- DREYFUSS, F.** See SCHORR, S.
- DRUKMAN, A.**, and **ROZIN, S.**: Uterovenous and uterolymphatic intravasation in hysterosalpingography (ab), Dec., 914
- DRURY, D. R.** See FLASHER, J.
- DUCTUS ARTERIOSUS**
- angiograms after ligation of ductus arteriosus (ab), K. D. Keele, Sept., 432
 - persistent ductus arteriosus: importance of angiography and thoracic aortography in diagnosis and pre-operative study (ab), Manuel Malenchini and Teo Rock, Nov., 775
- DUFFY, B. J., Jr.**, and **FITZGERALD, PATRICK J.**: Thyroid cancer in childhood and adolescence. A report on twenty-eight cases (ab), Oct., 591
- DUGAN, DAVID J.**, and **SAMSON, PAUL C.**: Surgical treatment of giant emphysematous blebs and pulmonary tension cysts (ab), Oct., 591
- DUGGAN, A. R. H.** See PORTER, H. K.
- DUKES, RICHARD E.** See GILLESPIE, JAMES B.
- DUNBAR, HOWARD S.** See RAY, BRONSON S.
- DUNDON, CARROLL C.**, and **HUGHES, JAMES P.**: Stannic oxide pneumoconiosis (ab), Aug., 279
- DUNN, CECIL G.** See FRAMM, HARVEY
- DUNSMORE, REMBRANDT**, **SCOVILLE, WILLIAM B.**, and **WHITECOMB, BENJAMIN B.**: Complications of angiography (ab), Nov., 764
- DUODENUM**
- chronic intermittent arteromesenteric occlusion, Jerome Romagosa and Leon J. Menville, July, 63
 - duodenal loop triad syndrome (ab), William Show and Jerome A. Marks, Dec., 908
 - duodenitis in childhood (ab), James B. Gillespie and Richard E. Dukes, Aug., 284
 - duodenum inversum; 2 cases, Edward C. Rozek and Charles M. Graney, July, 66
 - non-specific granulomatous inflammation of stomach and duodenum: its relation to regional enteritis (ab), Mandred W. Comfort, et al, Nov., 777
 - perforation by ingested foreign body: symptoms suggesting disease of hip (ab), James B. Gillespie, Sept., 454
 - radiographic studies in man (ab), J. W. McLaren, et al, Sept., 454
 - tumor of major duodenal papilla (ab), Irving Wills, et al, Oct., 605
 - cancer
 - primary adenocarcinoma of third portion (ab), Julius B. Stolfi and James C. Barnett, July, 135
 - ulcer. See Peptic Ulcer
- DURAL SINUS**. See Brain
- DUSTIN'S REACTION**. See Colchicine.
- DYER, ISADORE**: Clinical evaluation of x-ray pelvimetry. Study of 1,000 patients in private practice (ab), July, 144
- DYSCHONDROPLASIA**
- Ollier's disease (ab), Sydney G. Nardell, Aug., 287
- DYSKINESIA**. See Biliary Tract
- DYSPHAGIA**
- caused by exostoses of cervical spine (ab), Bertram Kertner and Willis A. Madden, Oct., 611
 - lateral pharyngeal diverticula as cause of dysphagia (ab), Jacob Buckstein and Stanley Reich, Nov., 767
- DYSPLASIA, FIBROUS**. See Bones; Jaws; Mastoid
- DYSPLASIA, PROGRESSIVE DIAPHYSEAL**. See Bones
- DYSTOCIA**. See Labor
- E**
- EAR**
- lesions of external auditory canal (injurious effects of irradiation) (ab), Walter P. Work, Nov., 792
 - results of irradiation in cancer of lip, tongue and ear (ab), L. H. Garland and Merrell Sisson, Sept., 470
- ECKERT, CHARLES**, and **SEAMAN, WILLIAM B.**: Palliative treatment of advanced mammary cancer (ab), Sept., 471
- ECONOMIC CONDITIONS**
- growth and development of Negro infants: relation of birth weight, body length and epiphysial maturation to economic status (ab), Althea Kesser and Roland B. Scott, Aug., 291

EDEMA

—generalized primary lymphangiomas of bone; case associated with congenital lymphedema of forearm (ab), Raymond Harris and Andrew Prandoni, Oct., 608

EDITORIALS

—anatomy of research, Harold Cummins, Nov., 752
—invitation to Annual Meeting, John S. Bouslog, Sept., 424
—radiation protection during diagnostic studies, Dec., 886
—radiology in Japan, Leo G. Rigler, July, 106
—two-million-volt radiation, Hugh F. Hare, Aug., 255

EDLIN, PHILIP: Mediastinal pseudocyst of the pancreas. Case report and discussion (ab), Dec., 909

—See **McCORD, MALCOLM C.**

EDWARDS, RALPH W.: Accidents of dental origin. Oral prostheses in the respiratory and alimentary systems (ab), Sept., 470

EKK, SIGURD, EFSKIND, LEIF, and WOLFF, AAGE: On the diagnosis of atresia of the esophagus. Report of a case (ab), July, 134

EFFUSION. See Pericardium; Pleura

EFSKIND, LEIF. See **EKK, SIGURD**

EGMARK, AGNAR: An apparatus for radon purification (ab), Sept., 473

EHRLICH, DAVID. See **ABELES, HANS**

EHRLICH, HARRY. See **MARTIN, HAYES**

EIDLLOW, S. See **SIMON, MORRIS A.**

EISENMÉNGER'S COMPLEX. See Heart, abnormalities

EKGREN, KRISTINA, and RYDÉN, ÅKE B. V.: Roentgen diagnosis of tuberculous salpingitis (ab), Aug., 292

EKLUND, LENNART. See **HULTBERG, SVEN**

ELBOW
—osteochondritis dissecans: clinical study (ab), Norman Roberts and Rowland Hughes, July, 141

ELECTROKYMOGRAPHY. See Heart, electrokymography

ELECTROLYTES

—effect of acute whole-body x-irradiation upon water and electrolyte balance (ab), Robert J. Soberman, et al. Dec., 925

ELKIN, M. See **HEALEY, R. F.**

ELLE, W. G. See **ENGMAN, M. F., Jr.**

ELLERY, S. W. See **BECKSTRAND, GRANT**

ELLINGER, F.: The histamine hypothesis of the biological effects of radiation (ab), Dec., 924

ELMER, RICHARD A., ROUSUCK, A., ASHLEY, and RYAN, J. M.: Early roentgenologic evaluation in patients with upper gastrointestinal hemorrhage. Report of 58 cases (ab), Oct., 604

ELSEY, EDWARD C., and JACOBS, DONALD L.: Floating gallbladder stones (ab), Dec., 909

ELSTROM, EUGENE. See **TAMARI, MARVIN J.**

EMBOLISM

—air embolism during pneumoencephalography (ab), F. C. Coleman, et al. Aug., 273

—oil embolism during hysterosalpingography (ab), Nathan Karshmer and William Stein, Dec., 915

—roentgen studies of experimental pulmonary embolism without complicating infarction in dogs (ab), Sven R. Kjellberg and Sten-Erik Olson, July, 130

EMERY, J. L., and LORBER, J.: Radiological and pathological correlation of miliary tuberculosis of lungs in children, with special reference to choroidal tubercles (ab), Aug., 276

EMPHYSEMA

—contusion to thorax with Hamman's syndrome and subsequent pneumonia, as contribution to subject of pneumonia due to contusion; case (ab), A. Abplanalp, Sept., 446

—laminagraphy associated with artificial anterior pneumomediastinum in roentgen study of mediastinum (ab), Attilio Romanini and Mario Spadoni, Oct., 600

—mediastinal emphysema (ab), John A. Evans and Ted R. Smallwood, Aug., 280

—pneumomediastinum, subcutaneous emphysema, and pneumothorax lenta in newborn infant; fatal case (ab), John A. Ripp, Nov., 773

—posterior pneumomediastinum (ab), L. Condorelli, et al. Dec., 901

—roentgen diagnosis: generalized subserous emphysema through a single puncture (ab), M. Ruiz Rivas, Oct., 618

—surgical emphysema following double contrast enema; case (ab), Leon Goldberg, Sept., 456

—surgical treatment of giant emphysematous blebs and pulmonary tension cysts (ab), David J. Dugan and Paul C. Samson, Oct., 597

EMPYEMA

—treatment of empyema of sella turcica of sphenoid origin (ab), Joseph R. Rongetti and James T. Daniels, July, 125

ENCEPHALOGRAPHY. See Brain

ENDOCRINE GLANDS. See Pituitary Body; Thyroid; etc.

ENDOMETRIUM. See Uterus, cancer

ENDOTHELIOMA. See Tumors, mesothelioma

ENEMA. See Colon; Intussusception

ENGESET, ARNE: On roentgen examination in head trauma (a preliminary report from the past five years) (ab), Oct., 590

ENGLE, MARY A., and TAUSSIG, HELEN B.: Valvular pulmonic stenosis with intact ventricular septum and patent foramen ovale. Report of illustrative cases and analysis of clinical syndrome (ab), Sept., 450

ENGLEMAN, M. F., Jr., WEBER, E. P., and ELLE, W. G.: Absorption of roentgen rays with use of a beryllium window tube (ab), July, 150

ENGSTRÖM, A., and LINDSTRÖM, B.: Properties of fine-grained photographic emulsions used for microradiography (ab), Dec., 916

ENTERITIS. See Intestines

EOSINOPHILS

—eosinophilic granuloma of rib; case (ab), Harold A. Kipp and Edwin R. Fisher, Dec., 911

—pulmonary infiltration and blood eosinophilia in children (Loeffler's syndrome). Review with report of 8 cases (ab), Rosa L. Nemir, et al. Nov., 773

EPILATION. See Alopecia

EPINEPHRINE. See Adrenal Preparations

EPIPHYSIS

—growth and development of Negro infants: relation of birth weight, body length and epiphysial maturation to economic status (ab), Althea Kessler and Roland B. Scott, Aug., 291

EPSTEIN, BERNARD S.: Angiographic demonstration of an anatomic variation in the position of the transverse dorsal sinuses, Sept., 407

Shortening of the posterior wall of the sella turcica caused by dilatation of the third ventricle or certain suprasellar tumors (ab), Dec., 897

—See **TARLOV, I. M.**

EPSTEIN, HARRY J., and MENDELL, THEODORE H.: Co-existence of duodenal ulcer with independent gastric carcinoma (ab), Oct., 605

ERNST, H. WILHELM: On the roentgen tolerance dose (ab), Nov., 792

ERVIN, EDMUND N. See **NEMIR, ROSA L.**

ERYTHROCYTES

—alterations in thermal fragility of rat erythrocytes following total body x-irradiation (ab), Leontine Goldschmidt, et al. Dec., 926

—biological half-life of radioactive phosphorus in the blood of patients with leukemia. III. Erythrocytes, with deviations of observations from predicted values (ab), Harold Tivey and Edwin E. Osgood, Oct., 625

—blood volume in chronic leukemia as determined by P^{32} labeled red blood cells (ab), Nathaniel I. Berlin, et al. July, 152

—blood volume in polycythemia as determined by P^{32} labeled red blood cells (ab), Nathaniel I. Berlin, et al. Nov., 791

—inhibition of uptake of radioactive phosphate by human erythrocytes in vitro (ab), D. R. H. Gourley, Dec., 922

ESCHENBRENNER, ALLEN B., and MILLER, ELIZA: Effect of roentgen rays on the testis: quantitative histological analysis following whole body exposure of mice (ab), Nov., 794

ESCHNER, EDWARD G. See **BRASON, FREDERICK W.**

—See **STEPHENSON, B. R.**

ESGUERRA GÓMEZ, GONZALO: Importance of the relation between the anthropometric index and the transverse cardiac diameter for appraising the size of the heart, Aug., 217

ESOPHAGUS

—compression of trachea or esophagus by vascular anomalies; surgical therapy in 40 cases (ab), Robert E. Gross and Edward B. D. Neuhauser, Nov., 776

—idiopathic dilatation (megaeosophagus) (ab), M. E. Leder, Oct., 604

—perforation: analysis of 50 cases and an account of experimental studies (ab), William D. Seybold, et al. July, 133

—recumbent esophagogram: an x-ray method for early detection of left atrial enlargement, S. Schorr, F. Dreyfuss, and A. Schwartz, Aug., 208

—roentgen diagnosis of pericardial effusion, with special reference to appearance of barium-filled esophagus and cardiohepatic angle, George Levene and Seymour A. Kaufman, Sept., 373

—short esophagus (ab), F. Soricelli and L. Di Guglielmo, Dec., 910

—spontaneous rupture: 5 cases, Charles A. Privitera and Brit B. Gay, Jr., July, 48

—tracheal compression from bronchogenic cyst in esophageal wall (ab), Herbert C. Maier, Aug., 283

ATRESIA

—diagnosis; case (ab), Sigurd Eek, et al. July, 134

—roentgenologic considerations in tracheo-esophageal fistula without esophageal atresia; 2 cases, Ted F. Leigh, Osler A. Abbott, and William A. Hopkins, Dec., 871

—tracheoesophageal fistula unassociated with atresia or stenosis: difficulties in diagnosis and suggestions for greater accuracy (ab), Hugo M. Cardillo and David L. Berens, Oct., 604

FISTULA. See Esophagus, atresia

LEIOMYOMA; case with successful resection (ab), Wallace C. Madden and Edwin G. Olmstead, Sept., 453

—primary melanosarcoma, Jack M. Burnett and Elmer St. John, Dec., 868

ESTES, J. EARLE, JR.: Abdominal aortic aneurysm: Study of one hundred and two cases (ab), July, 147

ESTHESIONEURO-EPITHELIOMA. See Tumors, esthesioneuro-epithelioma

ESTROGENS

—effect of roentgen rays, gamma rays and beta rays on epidermal cell: experiments with "nipple-test" associated with Dustin's reaction (ab), W. Jadassohn, et al. Nov., 795

—hormone therapy in relation to radiotherapy in advanced carcinoma of breast (ab), Basil A. Stoll, Oct., 620

ESTROGENS—cont.

—roentgen and steroid hormone therapy in mammary cancer metastatic to bone (ab), L. H. Garland, et al., Oct., 620

ETHMOID SINUS

—angiofibrosarcoma of ethmoid and frontal sinuses complicated by osteomyelitis of frontal bone and epidural abscess (ab), Morley T. Smith, et al., Aug., 274

ETHYL DI-1ODOSTEARATE. See Arteries**ETTINGER, ALICE:** Duodenal ulcers simulating prepyloric lesions (ab), Sept., 454**EUTOCIA.** See Labor**EVANS, JOHN A., and SMALLDON, TED R.:** Mediastinal emphysema (ab), Aug., 280**EVANS, WINFIELD W.** See TRUMP, JOHN G.**EVERETT, NEWTON B., and JOHNSON, ROBERT J.:** Use of radioactive phosphorus in studies of fetal circulation (ab), Sept., 474**EWELL, GEORGE H., and BRUSKEWITZ, HAROLD W.:** Excretory urography—a clinical study (ab), Nov., 782**EXOSTOSES.** See Spine**EXTREMITIES**

See also Thrombosis; Varicose Veins

—improved method of venography for preoperative evaluation of the postphlebitic extremity (ab), Raymond S. Martin and Robert S. McCleery, July, 146

—new familial case of cutis gyrata with pachyperostosis of extremities, verified anatomically (ab), A. Franceschetti, et al., Nov., 782

—soft tissue radiography: technical aspects and clinical applications in examination of limbs (ab), Arne Frantzell, Dec., 916

—traumatic periostitis in young children (ab), George H. Barmeyer, et al., Dec., 912

—venous velocity in leg measured with radioactive sodium (ab), J. Elliot Levi and Edward F. Lewison, Oct., 616

EYES

See also Retina

—early lens changes after roentgen irradiation; experimental studies; morphological and histochemical changes (ab), Ludwig von Sallmann, Dec., 925

—localization of foreign bodies in eye by stereoradiographic transposition (ab), C. Chausse, Sept., 470

—ocular changes produced by total body irradiation (ab), Helenor C. Wilder and Russell M. Maynard, Nov., 793

F**FACE**

—multiple congenital dislocations associated with characteristic facial abnormality (ab), Loren J. Larsen, et al., Aug., 288

—roentgen demonstration of facial nerve canal (ab), Marvin J. Tamari and Arthur Loewy, Nov., 766

FAIRBANK, H. A. THOMAS: Fibrocystic disease of bone (ab), July, 140**FALLIS, L. S., and MARSHALL, M. R.:** Acute diverticulitis of the large bowel (ab), July, 137**FALLOPIAN TUBES**

See also Uterus, roentgenography

—hysterography and hysterosalpingography: analysis of 2,500 cases with special emphasis on technique and safety of the procedure (ab), Richard H. Marshak, et al., July, 144

—hysterography and hysterosalpingography: evaluation of 2,500 cases (ab), M. A. Goldberger, et al., Oct., 614

—hysterosalpingography in study of sterility (ab), Albert W. Holman, Sept., 469

—oil embolism during hysterosalpingography (ab), Nathan Karschner and William Stein, Dec., 915

—uterovenous and uterolumphatic intravasation in hysterosalpingography (ab), A. Drukman and S. Rozin, Dec., 914

—cancer

—roentgen diagnosis of primary tubal carcinoma (with 35 per cent perabrodil) (ab), E. Antonowitsch, Aug., 292

—tuberculosis

—roentgen diagnosis of salpingitis (ab), Kristina Ekengren and Åke B. V. Rydén, Aug., 292

Farber, George J. See BRACK, C. BERNARD**Farber, Jason E.** See ROSS, JOSEPH**FARIÑAS, PEDRO L. (obit):** July, 110**FELDMAN, MAURICE, and MORGAN, ZACHARIAH:** Prolapsing hypertrophied gastric mucosa simulating a prolapsing gastric polyp. Report of a case (ab), Dec., 906**FELL, EGBERG, H.** See GASUL, BENJAMIN M.**FELSON, BENJAMIN.** See CARTER, B. NOLAND**FEAR, LEVIN, EMANUEL J.****FEMUR**

—irradiation necrosis of head (ab), J. T. MacDougall, et al., July, 153

—vascular foramina and arterial supply of distal end of femur (ab), William M. Rogers and Herman Gladstone, Sept., 467

FETUS

—consideration of infant in treatment of cervical carcinoma in pregnancy (ab), Floyd C. Atwell, Oct., 621

—radiography of skull (ab), Th. Berkvens, Oct., 590

—use of radioactive phosphorus in studies of fetal circulation (ab), Newton B. Everett and Robert J. Johnson, Sept., 474

FIBROSARCOMA. See Sarcoma, fibrosarcoma**FIBULA.** See Ankle**FIELDS, THEODORE.** See DAVIS, LOYAL

FIERST, SIDNEY M., JONES, HOWARD L., and FRANCO, S. CHARLES: Benign ulcer of the greater curvature of the stomach. Report of a case (ab), July, 135

FILMS. See Roentgenograms**FINGERS AND TOES**

—secondary carcinoma of the phalanges, Frederick W. Branson, Edward G. Eschner, Samuel Sanes, and Gustave Milkey, Dec., 864

—x-ray picture of aseptic necrosis of finger joints (ab), M. Steinheimer, July, 111

FINK, JACK P. See BEILIN, DAVID S.**FINK, SYMOUR A.** See LOWEN, HARRY J.

FINK, WILLIAM F.: Time, site, and treatment of recurrences of endometrial carcinoma (ab), Aug., 296

FISCHER, S. K.: Technic, indications, and results of bronchography with a water-soluble viscous contrast medium (jodized oil) (ab), Oct., Oct., 590
FISCHER, SETH M. See ULIN, ALEX W.**FISHER, EDWIN R.** See KIPP, HAROLD A.**FISHLER, M. C.** See BOND, V. P.**—See GOLDSCHEIMDI, LEONTINE****FISTULA****esophagotracheal**

—roentgenologic considerations in tracheo-esophageal fistula without esophageal atresia; 2 cases Ted F. Leigh, Osler A. Abbott, and William A. Hopkins, Dec., 871

—unassociated with atresia or stenosis: difficulties in diagnosis and suggestions for greater accuracy (ab), Hugo M. Cardillo and David L. Berens, Oct., 604

gastrojejunocolic

—postoperative complications in 19 cases (ab), Anton W. Skoog-Smith, et al., Sept., 455

vesicosigmoidal

—complicated diverticulitis (ab), Charles W. Mayo and Charles P. Blunt, Oct., 607

FITZGERALD, PATRICK J. See DUFFY, B. J., JR.**FLASHER, J., DRURY, D. R., and JACOBSON, G.:** Experimental arterial stenosis: post stenotic dilatation and collateral blood flow (ab), Dec., 924
FLETCHER, GILBERT H., and MATZINGER, KAROL E.: Value of soft-tissue technic in the diagnosis and treatment of head and neck tumors, Sept., 305
FLETCHER, M. ELIZABETH. See WYATT, TYREE C.
FLIEGELMAN, MAURICE T. See LOVEMAN, ADOLPH B.
FLUORESCENCE

—of solutions bombarded with high energy radiation (energy in liquids) (ab), H. Kallmann and M. Furst, Aug., 304

FLYNN, RICHARD, and HARRIS, H.: Case of squamous epithelioma of the tongue in a young woman, aged nineteen years (ab), Sept., 471
FODDEN, JOHN H.: The central malignant chondroma of bone (ab), Sept., 458
FOLEY, FREDERIC E. B.: A new cysto-urography and transurethral operating table: hydraulic operation providing prompt wide range position change (ab), Sept., 470
FOOT

—See Ankle; Calcaneum

—benign giant-cell tumors; 7 cases in which bones of hands and feet were involved (ab), Henry W. Meyerding and Alfred E. Jackson, July, 141

—congenital metatarsus varus; 300 cases (ab), J. Hiram Kite, Sept., 467

—flatfoot with special consideration of tarsal coalition (ab), Mark B. Coventry, Sept., 468

FORAMEN

—vascular foramina and arterial supply of distal end of femur (ab), William M. Rogers and Herman Gladstone, Sept., 467

jugular

—radiologic examination in case of destructive posterior condylar syndrome (ab), P. Wettstein, Aug., 273

—oval. See Heart; abnormalities

FORBES, GILBERT B., and PERLEY, ANNE M.: Treatment of hyperthyroidism with radioactive iodine (ab), Dec., 922

FORD, R. S. See PORTER, H. K.**FOREARM**

—generalized primary lymphangiomas of bone: case associated with congenital lymphedema of forearm (ab), Raymond Harris and Andrew Prandoni, Oct., 608

—osteoid osteoma: case (ab), Lawrence C. Cohen and David Van Brown, Oct., 609

FOREIGN BODIES

See also Duodenum; Eyes; Heart

—accidents of dental origin: oral prostheses in respiratory and alimentary systems (ab), Ralph W. Edwards, Sept., 470

—management of aspirated straight pins in bronchi utilizing the stereoscopic fluoroscope (ab), Alden H. Miller, Nov., 774

FOREMAN, NADINE. See MILLER, EARL R.**FORESTER, VIRGIL R.:** Gallstone ileus (ab), July, 138**FORESTIER, STUHL:** See STUHL**FORSSBERG, ARNE:** On the possibility of protecting the living organism against roentgen rays by chemical means (ab), Sept., 476
FORSYTH, CONSTANCE C. See KEITH, JOHN D.
FOSTER, JOHN. See GREEN, JOHN R.
FÓTI, M.: Motility of the small intestine in various diseases (ab), Sept., 453

FOX, THEODORE A. See DRESKIN, E. ARTHUR
FRACTURES

See also under names of bones

- bone repair in rats with multiple fractures (ab), Marshall R. Urist and Franklin C. McLean, Oct., 614
- multiple fractures associated with subdural hematoma in infancy (ab), Edward F. Lis and George S. Frauenberger, Nov., 781
- simple adapter for mounting head of x-ray tube to fracture table (ab), Morton H. Leonard, et al, Sept., 469
- ski injuries (ab), Gordon M. Morrison and Edward J. Coughlin, Jr., Oct., 613
- study of fracture healing by means of radioactive tracers (ab), Hans Bohr and August H. Sørensen, Sept., 474
- thyroid carcinoma with multiple metastases and pathological fracture, successfully treated with radioiodine; case, Joseph Sorrentino, Bernard Roswit, and Rosalyn Yalom, Nov., 729
- traumatic fracture in Cooley's anemia (ab), Antonio Toti, Dec., 912

FRAM, HARVEY, PROCTOR, BERNARD E., and DUNN, CECIL G.: Effects of x-rays produced at 50 kilovolts on different species of bacteria (ab), July, 155

FRANCE, CHARLES J., and BRINES, OSBORNE A.: Mesenchymal tumors of the stomach (ab), Nov., 777

FRANCESCHETTI, A., GILBERT, R., KLEIN, D., and WETTSTEIN, P.: A new familial case of cutis gyrata with pachyperiostosis of the extremities, verified anatomically (ab), Nov., 782

FRANCO, S. CHARLES. See FIERST, SIDNEY M.

FRANK, RALPH C., and POHLE, ERNST A.: Late radiation reaction in the small intestine manifest eight years after therapy (ab), Dec., 924

FRANKE, F. R., BOATMAN, JOSEPH B., and GEORGE, R. S.: Effect of adrenalectomy and DCA on the radioisotope intramuscular clearance and distribution in the rat (ab), Dec., 923

—See BOATMAN, JOSEPH B.

FRANKE, HANS: Double aortic arch in man (ab), Nov., 775
On congenital and positional anomalies of the aorta (ab), Nov., 774

Tumors of the heart (ab), Nov., 777

FRANKLIN, DR. K. F., July, 115

FRANTZELL, ARNE: Practical roentgenographic importance of reciprocity law failure (ab), July, 147

Soft tissue radiography. Technical aspects and clinical applications in the examination of limbs (ab), Dec., 916

FRASER, CHARLES G., MONROE, STANLEY E., and O'HARE, JAMES E.: Coccidioidomycosis and tuberculosis in the same bones. A case report (ab), Dec., 912

FRASER, ROBERT G., and PEIRCE, CARLETON B.: Differentiation of diverticulitis and carcinoma of the large bowel: a roentgenologic problem (ab), Sept., 456

FRÄUENBERGER, GEORGE S. See LIS, EDWARD F.

FREEDBERG, A. STONE, CHAMOVITZ, DAVID L., URELES, ALVIN L., and VANDILLA, MARVIN A.: Direct measurement of I^{131} uptake in the thyroid gland. Further observations (ab), July, 150

—**URELES, ALVIN L., LESSES, MARK F., and GARGILL, SAMUEL L.**: Pulmonary metastatic lesion successfully treated with radioactive iodine. Report of a case of pulmonary metastasis from a papillary adenocarcinoma of the thyroid (ab), Oct., 623

FREEMAN-WATTS TECHNIC. See Brain

FRENCH, LYLE A., and BLAKE, PAUL S.: Complications following the use of neo-ipax in cerebral angiography (ab), Oct., 589

FRICKER, GEOFFREY. See PAGET, JOHN

FRIED, JACOB R., and DAVIDOFF, LEO M.: Roentgen therapy of primary neoplasms of the brain, July, 25

FRIEDELL, HYMER L., and STORAASLI, JOHN P.: Use of radioactive phosphorus in the treatment of carcinoma of the breast with widespread metastases to bone (ab), Sept., 474

—See KIEHN, CLIFFORD L.

—See SHIPLEY, R. A.

FRIEDELL, MORRIS T. See SCHAFFNER, FENTON

FRIEDLANDER, HERBERT D., and WILDE, WALTER S.: Testing blood plasma to tissue exchange rate by urine isotopic ratio: inorganic phosphate (ab), Dec., 923

FRIEDMAN, BARRY. See PONSETI, IGNACIO V.

FRIEDMAN, BRUCE. See PEARL, FELIX

FRIEDMAN, MILTON, and DAVIS, LAWRENCE A.: "Single-portal-massive-dose" x-ray therapy technic for certain upper respiratory tract, parotid gland, and recurrent breast cancers, Dec., 797

—See HINE, GERALD J.

FRIEDMAN, PAUL S.: Roentgen treatment and roentgen diagnosis of the painful shoulder (ab), Oct., 621

PRIMANN-DAHL, J.: Roentgen examination in mesenteric thrombosis (ab), Sept., 457

FRONTAL BONE
—angiofibrosarcoma of ethmoid and frontal sinuses complicated by osteomyelitis of frontal bone and epidural abscess (ab), Morley T. Smith, et al, Aug., 274

FRONTAL SINUS

—angiofibrosarcoma of ethmoid and frontal sinuses complicated by osteomyelitis of frontal bone and epidural abscess (ab), Morley T. Smith, et al, Aug., 274

FROSTBERG, NILS: Bilateral spontaneous pneumothorax (ab), Aug., 279

FUIKS, DELLVAN M., and GRAYSON, CHARLES E.:

Vacuum pneumarthrography and the spontaneous occurrence of gas in the joint spaces (ab), Sept., 461

FULCHER, O. HUGH. See MORRIS, ARTHUR A.

FULTON, HAROLD: A roentgenographic aid in the diagnosis of retinoblastoma (ab), Oct., 591

FURCLOW, MICHAEL: Further observations on histoplasmosis. Mycology and bacteriology (ab), July, 128

FURST, M. See KALLMANN, H.

G

GALINSKY, IRVING: Uptake and distribution of radioactive phosphorus in chicken eggs containing a rapidly growing mammary tumor of a C3H mouse (ab), Aug., 300

GALLBLADDER

calculi

—cholecystitis and cholelithiasis in young women following pregnancy (ab), Walter H. Gerwig, Jr., and J. Richard Thistlethwaite, Nov., 779

—floating stones (ab), Edward C. Elsey and Donald L. Jacobs, Dec., 909

—gallstone ileus (ab), Virgil R. Forester, July, 138

—pyloric obstruction by cholelith; case (ab), Andrew E. Ogden, Oct., 608

—solitary gallstone (ab), Robert S. Mechling and James R. Watson, Sept., 457

—unusual case of gallstone ileus (ab), I. F. Stein, Jr., and Karl A. Meyer, Oct., 608

cancer

—carcinoma (ab), Alex W. Ulin, et al, July, 138

roentgenography

—dysfunctioning, non-calculus gallbladder (ab), James F. Crenshaw, Nov., 779

—gastric residue in cholecystography (ab), Charles Gottlieb and Samuel L. Beranbaum, Nov., 778

GAMMA RAYS. See Radiation

GARBARINI, J., and PRICE, H. P.: Calcified leiomyoma of the stomach (ab), Aug., 283

GARCIGA, C. E.: New radiolaryngometric method, Dec., 884

GARGILL, SAMUEL L. See FREEDBERG, A. STONE

GARLAND, L. H.: Radiological end results in the control of cancer (ab), Aug., 294

Studies on the reliability of mass x-ray surveys (ab), Oct., 595

—**BAKER, M., PICARD, W. H., Jr., and SISSON, M. A.**: Roentgen and steroid hormone therapy in mammary cancer metastatic to bone (ab), Oct., 620

—and SISSON, MERRELL: Results of irradiation in cancer of the lip, tongue and ear (ab), Sept., 470

GARRITANO, ANTHONY. See ULIN, ALEX W.

GARTLAND, JEAN. See BERLIN, NATHANIEL I.

GASTRO-INTESTINAL TRACT

See also Colon; Intestines; Stomach; etc.

—behavior of carob gum in gastro-intestinal tract of man (ab), Arthur A. Holbrook, Dec., 906

—early roentgen evaluation in patients with upper gastrointestinal hemorrhage: 58 cases (ab), Richard A. Elmer, et al, Oct., 604

—fictitious pelvic mass, Samuel L. Beranbaum, Oct., 554

—high obstruction in the newborn infant; radiological interpretation (ab), Max Dannenberg, et al, July, 136

—plasma iron and saturation of plasma iron-binding protein in dogs as related to the gastro-intestinal absorption of radioiron (ab), Charles L. Yuile, et al, Oct., 626

—radioiron absorption in anemic dogs: fluctuations in mucosal block and evidence for a gradient of absorption in the gastro-intestinal tract (ab), Wellington B. Stewart, et al, Oct., 626

GASTROSCOPY. See Stomach

GASUL, BENJAMIN M., FELL, EGBERT H., MAVRELIS, WILLIAM, and CASES, RAUL: Diagnosis of tricuspid atresia or stenosis in infants, based upon a study of 10 cases (ab), Nov., 775

GAUCHER'S DISEASE. See Anemia

GAUDIN, P. See JADASSOHN, W.

GAY, BRIT B., Jr. See PRIVITERA, CHARLES A.

GEFTER, WILLIAM I., BOUCOT, KATHARINE R., and MARSHALL, E. WAYNE: Localized interlobar effusion in congestive heart failure. Vanishing tumor of the lung (ab), Aug., 282

GELFAND, MAXWELL L.: Chronic cor pulmonale in long-standing bronchial asthma (ab), Nov., 776

GENITO-URINARY TRACT. See Bladder; Kidneys; etc.

GENOVESE, P. D. See LEVIN, R. T.

GEORGE, R. S. See FRANKE, F. R.

GERRIE, JOHN. See JONES, W. A.

GERSHON-COHEN, J., HERMEL, M. B., BYRNE, R. N., and BRINGHURST, L. S.: Rupture of the spleen: roentgen diagnosis, Oct., 521

GERWIG, WALTER H., Jr., and THISTLETHWAITE, J. RICHARD: Cholecystitis and cholelithiasis in young women following pregnancy (ab), Nov., 779

GHORMLEY, RALPH K. See DOCKERTY, MALCOLM B.

GIANT-CELL TUMORS. See Tumors, giant-cell

GIANTICO, CESARE: Role of the radiologist in the diagnosis of bronchogenic carcinoma (ab), Oct., 596

GIBSON, A. See MacDOUGALL, J. T.

GIERLACH, Z. S. See HAMOLSKY, MILTON W.

GILBERT, D. L., JANNEY, C. D., and HINES, H. M.: Circulatory transfer of P^{32} to skeletal muscles under various experimental conditions (ab), Nov., 791

- GILBERT, R.**: Problem of pregnancy in Hodgkin's disease (ab), Dec., 920
—See FRANCESCHETTI, A.
- GILLESPIE, JAMES B.**: Perforation of duodenum by ingested foreign body. Symptoms suggesting disease of the hip (ab), Sept., 454
—and DUKES, RICHARD E.: Duodenitis in childhood (ab), Aug., 284
—and MUSSEY, ROBERT D.: Progressive diaphyseal dysplasia (Engelmann's disease) (ab), Nov., 781
- GILMORE, GOODLATTE B.** and SCHEER, ALAN A.: Aseptic lateral sinus thrombosis (ab), Nov., 765
- GIUSEFFI, JEROME**. See CARTER, B. NOLAND
- GLADSTONE, HERMAN**. See ROGERS, WILLIAM M.
- GLASSMAN, FRANK**. See WOLIN, IRVING
- GLENNIE, JOHN McD.**: Two cases of haemorrhagic telangiectasia (ab), Sept., 472
- GLIOMA**. See Brain, tumors
- GLORIEUX, P.**: Considerations on the subject of diagnosis of posterior hernia of the intervertebral disk (ab), Sept., 469
- GLOVER, DONALD M.** See KIEHN, CLIFFORD L.
- GLOVES**
—protective power of roentgen gloves (ab), Ragnar Steinert, Dec., 924
- GODDARD, DAVID W.**: Wilms' tumor. An analysis of 39 cases seen at Duke Hospital in the past eighteen years (ab), Sept., 471
- GÖRGÉNYI-GÖTTCHE, O.**, and **KASSAY, D.**: On the significance of bronchial perforation in tuberculosi of the endothoracic lymph nodes, including some remarks about the publication of Ph. Schwartz (ab), Dec., 899
- GOIN, LOWELL S.**, awarded Gold Medal, Sept., 435
- GOITER**
—See also Thyroid
—posterior mediastinal goiter; 3 cases (ab), J. S. Tomkinson, Dec., 901
—some results from use of radioactive iodine, I^{131} , in diagnosis and treatment of toxic goiter (ab), Sidney C. Werner, et al., Aug., 298
—toxic goiter complicating diabetes mellitus treated with radioactive iodine (I^{131}) (ab), Barkley Beidleman, Oct., 624
- GOLDBERG, LEONARD**: Surgical emphysema following double contrast enema. A case report (ab), Sept., 456
- GOLDBERGER, M. A.**, **MARSHAK, RICHARD**, and **DAVIDS, ARTHUR**: Hysteroscopy and hysterosalpingography. An evaluation of 2,500 cases (ab), Oct., 614
—See MARSHAK, RICHARD H.
- GOLDEN, ROSS**. See SHARPE, MYER
- GOLDFEDER, ANNA**: Further studies on the radiosensitivity of the analogous mouse mammary tumors dbrB and C3H. Dec., 815
- GOLDRING, DAVID**: Neuroblastoma sympatheticum with metastases. Report of a case with apparent recovery (ab), Dec., 918
- GOLDSCHMIDT, LEONTINE**, **ROSENTHAL, ROBERT L.**, **BOND, VICTOR P.**, and **FISHLER, MAURICE C.**: Alterations in thermal fragility of rat erythrocytes following total body x-irradiation (ab), Dec., 926
- GOLDSTEIN, JOSEPH D.** See COHEN, SAMUEL
- GONDOS, BÉLA**: Ureteral calculus in relation to the border of the psoas muscle (ab), Aug., 293
- GOOD, C. ALLEN**. See SEYBOLD, WILLIAM D.
- GOODMAN, J. R.** See WEINBERG, S. J.
- GOODWIN, LAWRENCE D.** See WERNER, SIDNEY C.
- GOODWIN, WILLIAM E.**, **SCARDINO, PETER L.**, and **SCOTT, W. W.**: Translumbar aortic puncture and retrograde catheterization of the aorta in aortography and renal arteriography (ab), Oct., 616
- GORDON, ALVIN J.**, **BAHMS, SIGMUND A.**, **MEGBOW, SAMUEL**, and **SUSSMAN, MARCY L.**: Experimental study of the cardiovascular effects of diodrast (ab), Oct., 617
- GORDON, ARMOND T.** See NATARO, MAURICE
- GORDON, DOUGLAS**: Pneumokoniosis in Queensland foundries (ab), July, 128
- GORDON, EDGAR S.** and **ALBRITTON, EDWIN C.**: Treatment of thyrotoxicosis with radioactive iodine (ab), July, 151
- GORDON, ELIAS**, and **SCHWARTZMAN, JOEL J.**: A new film projector for full-sized original roentgenograms, Aug., 248
- GORVOY, J. D.** See NEMIR, ROSA L.
- GOTTLIEB, CHARLES**, and **BERANBAUM, SAMUEL L.**: Gastric residue in cholecystography (ab), Nov., 778
- GOURLAY, D. R. H.**: Inhibition of uptake of radioactive phosphate by human erythrocytes in vitro (ab), Dec., 922
- GRAHAM-HODGSON, HAROLD**: Radiology of the infected temporal bone (ab), Nov., 767
- GRANEY, CHARLES M.** See ROZEK, EDWARD C.
- GRANKE, RICHARD C.** See HARE, HUGH F.
- GRANULOMA**
—eosinophilic granuloma of rib; case (ab), Harold A. Kipp and Edwin R. Fisher, Dec., 911
—non-specific granulomatous inflammation of stomach and duodenum: its relation to regional enteritis (ab), Maudred W. Comfort, et al., Nov., 777
- GRAY, NORMAN**. See PEARL, FELIX
- GRAYSON, CHARLES E.** See FUJKS, DELLIVAN M.
- GREEN, GEORGE G.** See ROSH, RIEVA
- GREEN, JOHN R.**, **FOSTER, JOHN**, and **BERENS, DAVID L.**: Encephalotrigeminal angiomas (Sturge-Weber syndrome), with particular reference to the roentgenological aspects before and after neurosurgery (ab), Aug., 273
- GREEN, MAX M.** See SHARP, ROBERT F.
- GREENBERG, AVROM M.** See SAFRAN, NATHANIEL
- GREENZ RAYS**. See Roentgen Rays
- GRIFFIN, E. HARRISON**. See HOCHBERG, LEW A.
- GRIFFITH, J. J.** See CRAWFORD, E. M.
- GRISMER, JEROME T.** See HIGGINSON, JOHN F.
- GROSS, ROBERT E.**, and **NEUAUER, EDWARD B. D.**: Compression of the trachea or esophagus by vascular anomalies. Surgical therapy in 40 cases (ab), Nov., 776
- Treatment of mixed tumors of the kidney in childhood (ab), Nov., 786
- GROSS, ROBERT J.**: Roentgenologic aspects of head trauma (ab), Aug., 273
- GUANAZOLO**. See Radioactivity
- GUARE, HOWARD T.** See COUGHLIN, EDWARD J., Jr.
- GURDJIAN, E. S.**, **WEBSTER, J. E.**, and **MARTIN, F. A.**: Carotid-internal jugular anastomosis in the Rhesus monkey. Angiographic and gasometric studies (ab), Oct., 592
- H
- HAFT, HENRY H.**, and **ADLER, DANIEL K.**: Thoracic stomach simulating left ventricular failure (ab), Nov., 778
- HAGANS, JAMES A.**: Hodgkin's granuloma with pericardial effusion. Unusual case of Hodgkin's disease presenting initially the signs and symptoms of pericarditis with effusion (ab), Oct., 603
- HAGGART, G. EDMUND**. See SHIPP, FRANK L.
- HAHN, P. F.** See SHEPPARD, C. W.
- HAINES, SAMUEL F.** See KEATING, F. RAYMOND, Jr.
- HAIR**
—possible prevention of permanent alopecia following roentgen therapy; case (ab), Harry M. Robinson, Sr., Oct., 627
- HALEY, J. C.**, and **PERRY, J. H.**: Protrusions of intervertebral discs. Study of their distribution, characteristics and effects on the nervous system (ab), Aug., 290
- HALLE, SHEA, and BLITZ, OSCAR**: Eroding calcified mediastinal lymph nodes (ab), July, 129
- HAMBURG, ALLEN E.**: Skeletal changes in sickle-cell anaemia. Report of an unusual case (ab), Sept., 461
- HAMBY, WALLACE B.**, **KRAUSS, RUTH F.**, and **BESWICK, WILLIAM F.**: Hydranencephaly: clinical diagnosis. Presentation of seven cases (ab), Aug., 272
- HAMEL, H. A.** See STEWART, MARCUS J.
- HAMIL, JOHN**. See COHEN, SAMUEL
- HAMILTON, W. F.**, **REMINGTON, J. W.**, and **HAMILTON, W. F., Jr.**: Factors relating to heart size in the intact animal (ab), Oct., 603
—See HAMILTON, W. F., Jr.
- HAMILTON, W. F., Jr.**, **DÓW, PHILIP**, and **HAMILTON, W. F.**: Measurement of volume of dog's heart by x-ray: effect of hemorrhage, of epinephrine infusion, and of buffer nerve section (ab), Sept., 453
—See HAMILTON, W. F.
- HAMMAN'S SYNDROME**. See Emphysema
- HAMOLSKY, MILTON W.**, **GIERLACH, Z. S.**, and **JENSEN, H.**: Uptake and conversion of radioactive iodine (I^{131}) by thyroid gland *in vivo* and *in vitro* in tourniquet shock in rats (ab), Dec., 923
- HAMPTON, AUBREY O.** See BRETNAY, R.
- HAND**
See also Fingers and Toes
—benign giant-cell tumors: 7 cases in which the bones of the hands and feet were involved (ab), Henry W. Myerding and Alfred E. Jackson, July, 141
- HANDLOSER, JOHN S.**, and **LOVE, ROBERT A.**: Radiation doses from diagnostic x-ray studies, Aug., 252
- HAND-SCHÜLLER-CHRISTIAN DISEASE**. See Reticulendotheliosis
- HANLON, C. ROLLINS**. See CLAY, RICHARD C.
- HANSEN, P. BJERRE**, and **MADSEN, C. B.**: Tolerance dose problems in radiological work (ab), Nov., 792
- HARBIN, MAXWELL**. See ALFRED, KARL S.
- HARCOURT, M.** See LOVE, JESSHILL
- HARDENBERGH, ESTHER**. See BROWN, CRAWFORD S.
- HARE, HUGH F.**, **LIPPINCOTT, SAMUEL W., Jr.**, **SAWYER, DAVID**, **TRUMP, JOHN G.**, **WEBSTER, EDWARD W.**, **WRIGHT, KENNETH A.**, **EVANS, WINFIELD W.**, and **GRANKE, RICHARD C.**: Physical and clinical aspects of supervoltage rotational therapy, Aug., 157
- HARMSTON, GORDON J.**: Hirschsprung's disease associated with anal stenosis and subhepatic cecum (ab), Dec., 908
- HARPER, FRED R.**, **CONDON, WILLIAM B.**, and **WIERNAN, WILLIAM H.**: Middle lobe syndrome (ab), Sept., 445
- HARPER, IAN S. H.** See RABINOWITZ, PAUL
- HARPER, R. A. KEMP**, and **CONWAY-HUGHES, J. H. L.**: Tannic acid barium enema in colonic investigation (ab), Sept., 456
- HARRIS, H.** See FLYNN, RICHARD
- HARRIS, RAYMOND**, and **PRANDONI, ANDREW**: Generalized primary lymphangiomas of bone: report of case associated with congenital lymphedema of forearm (ab), Oct., 608

- HARSHA, WILLIAM N.**: Use of protein bound iodine as a clinical tool (ab), Aug., 299
- HART, VERNON L.**: Congenital dislocation of the hip in the newborn and in early postnatal life (ab), Aug., 290
- HARTLEY, RONALD**: Rheumatic heart disease in service pensioners. Review of 318 cases (ab), July, 132
- HARTMAN, MILTON S.**: Postradiation comedos (ab), July, 133
- HARTMAN, SEYMOUR A.** See **NUNEMAKER, JOHN C.**
- HAUBRICH, R.**, and **THURN, P.**: Roentgen manifestations of pericardial thickening (ab), Nov., 777
- HAWES, L. E.** See **MORISON, G. M.**
- HAWE, GEORGE W.** See **KOLOSKI, EUGENE L.**
- HAY, B. M.**: Two cases of osteochondritis dissecans affecting several joints (ab), July, 140
- HAYDEN, H. S.** See **REYNOLDS, L.**
- HAYDEN, JOHN W.** See **YUILE, CHARLES L.**
- HAYDEN, ROBERT S.**: Perforation of duodenal ulcer during fluoroscopy; disposition of barium sulfate in the abdominal cavity, Aug., 214
- HAYES, E. W.** See **PEABODY, J. WINTHROP**
- HAYES, E. W., Jr.** See **PEABODY, J. WINTHROP**
- HAYNES, EARL R.**, and **WANGNER, WM. G.**: Chondroangiopathy calcarea seu punctata; review and case report, Oct., 547
- HEAD**
See also Cranium
—roentgen aspects of trauma (ab), Robert J. Gross, Aug., 273
—roentgen examination in head trauma; preliminary report from past 5 years (ab), Arne Engeset, Oct., 590
—value of soft-tissue technic in diagnosis and treatment of head and neck tumors; Gilbert H. Fletcher and Karol E. Matzinger, Sept., 305
- HEALEY, R. F.**, **DEXTER, L.**, **ELKIN, M.**, and **SOSMAN, M. C.**: Roentgenographic changes in pulmonic stenosis. Report of nine cases (ab), Aug., 281
- HEALY, R. J.**: Bronchogenic cysts, Aug., 200
- HEART**
See also Aneurysm; Cardiovascular System; Pericardium
—alterations in renal function, including hematuria, in man during intracranial air studies. Alterations in cardiac function (ab), S. J. Weinberg, et al., Nov., 767
—chronic cor pulmonale in long-standing bronchial asthma (ab), Maxwell L. Gelfand, Nov., 776
—have we a radiographic sign of grave prognosis (transparency of superficial tissues)? Preliminary communication (ab), E. M. Crawford, Sept., 453
—repair of large radiation ulcers situated over heart and brain (ab), John M. Converse, et al., Dec., 924
—rheumatic disease in service pensioners; review of 318 cases (ab), Ronald Hartley, July, 132
—transfixion of heart by embedded ice pick blade with eight month's survival (ab), Harry J. Lowen, et al., Aug., 282
- abnormalities**. See also Ductus Arteriosus
—auricular septal defects in children (ab), John D. Keith and Constance C. Forsyth, Dec., 903
—congenital disease; review of its clinical aspects in light of experience gained by means of modern technics (ab), Paul Wood, Aug., 280
—Eisenmenger complex and its relation to uncomplicated defect of ventricular septum; review of 35 autopsied cases of Eisenmenger's complex, including 2 new cases (ab), Arthur Selzer and Gert L. Laquerre, Dec., 904
—electrokymographic studies of relation between the electrical and mechanical events of cardiac cycle in Wolff-Parkinson-White syndrome (ab), Philip Samet, et al., Oct., 601
—hemodynamic study of case of anomalous pulmonary venous drainage (ab), W. Hwang, et al., Sept., 451
—pulmonary stenosis with patent foramen ovale (ab), Nelson K. Ordway, et al., July, 130
—roentgen changes in pulmonic stenosis; 9 cases (ab), R. F. Healey, et al., Aug., 281
—valvular pulmonic stenosis with intact ventricular septum and patent foramen ovale; illustrative cases and analysis of clinical syndrome (ab), Mary A. Engle and Helen B. Taussig, Sept., 450
—ventricular tachycardia during cardiac catheterization of patient with Wolff-Parkinson-White syndrome; case showing effects of atropine sulfate (ab), Robert A. Bruce, et al., July, 133
- calcification**
—auricular calcification (ab), George Miller, et al., July, 132
—of left atrium in rheumatic heart disease (ab), Dennis Young and John B. Schwedel, Oct., 603
- catheterization**
—disorders of cardiovascular system occurring with catheterization of right side of heart (ab), Walter T. Zindahl, Dec., 904
—transient right bundle branch block produced by heart catheterization in man (ab), Ernst Simonson, Dec., 904
—ventricular tachycardia during cardiac catheterization of patient with Wolff-Parkinson-White syndrome; case showing effects of atropine sulfate (ab), Robert A. Bruce, et al., July, 133
- electrokymography**
—correlation of simultaneously recorded electrokymograms and pressure pulses of human heart and great vessels; preliminary report (ab), A. H. Salans, et al., Oct., 602
—electrokymograph; studies in recording fidelity (ab), Harry F. Zinsser, Jr., et al., July, 133
- electrokymographic studies of normal cardiac cycle (ab), Henry Mednick, et al., July, 133
—preliminary report (ab), R. J. Tahan and S. F. Oosthuizen, Nov., 774
—studies of abnormal left ventricular pulsations (ab), John B. Schwedel, et al., Oct., 600
—studies of relation between the electrical and mechanical events of cardiac cycle in Wolff-Parkinson-White syndrome (ab), Philip Samet, et al., Oct., 601
—ventricular electrokymogram (ab), L. C. Akman, et al., Oct., 601
- insufficiency**
—interlobar pleurisy in cardiac patient (ab), J. Reboul and P. L. Martin, Dec., 902
- localized interlobar effusion in congestive heart failure; vanishing tumor of lung (ab), William I. Geiter, et al., Aug., 288
- thoracic stomach simulating left ventricular failure (ab), Henry H. Haft and Daniel K. Adler, Nov., 778
- roentgenography**. See also other subheads under Heart
—anatomy of heart and great vessels; angiocardiographic study (ab), J. E. Miller, Dec., 903
—cardiological case finding by means of mass miniature radiography (ab), Peter O. Leggat, Nov., 769
—diagnosis of heart disease; conventional roentgen examination (ab), A. G. Barsh, Dec., 903
- size**
—factors relating to heart size in the intact animal (ab), W. F. Hamilton, et al., Oct., 603
—heart volume in normal infants; a roentgen study (ab), John Lind, July, 131
—importance of the relation between the anthropometric index and the transverse cardiac diameter for appraising the size of the heart, Gonzalo Esguerra Gómez, Aug., 217
- measurement (ab), Goeffrey Bourne and B. G. Wells, Dec., 903
- measurement of volume of dog's heart by x-ray; effect of hemorrhage, of epinephrine infusion, and of buffer nerve section (ab), W. F. Hamilton, Jr., et al., Sept., 453
- pericardial effusion mistaken for cardiac enlargement in severe anemia; 2 cases (ab), Louis A. Soloff and C. T. Bello, July, 133
- recumbent esophagogram; an x-ray method for early detection of left atrial enlargement, S. Schorr, F. Dreyfuss, and A. Schwartz, Aug., 208
- (ab), Hans Franke, Nov., 777
- valves**. See Mitral Valve; Pulmonary Valve; Tricuspid Valve
- HEDIN, RAYMOND F.**, **MILLER, WINSTON R.**, and **JELATIS, DEMETRIUS G.**: Effect of beta irradiation on gastric acidity (ab), Sept., 475
- HEIM de BALSAC, R.**: Recent advances in the radiological examination of cases of mitral cardiopathy (ab), Sept., 452
- HELPER, MORTON** (obit), Aug., 258
- HELPERN, MILTON**. See **LOWEN, HARRY J.**
- HEMANGIOMA**. See Tumors, angioma
- HEMATOLOGY**. See Blood; Hemopoietic System
- HEMATOMA**. See Brain; Meninges
- HEMATURIA**
—alterations in renal function, including hematuria, in man during intracranial air studies. Alterations in cardiac function (ab), S. J. Weinberg, et al., Nov., 767
- HEMOPOIETIC SYSTEM**
—hematology of atomic bomb casualties (ab), George V. LeRoy, Oct., 627
—influence of infection on the hematological effects and mortality following mid-lethal roentgen irradiation, L. R. Bennett, P. E. Rekers, and J. W. Howland, July, 99
- HEMOPTYSIS**
—due to elimination, by way of a bronchus, of osseous fragments in the course of osteomyelitis of first rib (ab), André Meyer, et al., Dec., 914
- HEMORRHAGE**
See also Gastro-Intestinal Tract; Uterus
—blood coagulation and hemorrhage following total body x-irradiation in the rabbit (ab), Robert L. Rosenthal and Agnes L. Benedek, Aug., 302
- measurement of volume of dog's heart by x-ray; effect of hemorrhage, of epinephrine infusion, and of buffer nerve section (ab), W. F. Hamilton, Jr., et al., Sept., 453
- HENRY, GEORGE W.** See **THOMAS, SYDNEY F.**
- HEPATOLENOGRAPHY**. See Liver; Spleen
- HEREDITY**
—cherubism—a familial fibrous dysplasia of jaws (ab), W. A. Jones, et al., July, 141
—60 children born of offspring of mothers irradiated for sterility show abnormal genetic effects (ab), Ira I. Kaplan, Nov., 792
—inheritance of spondylytic rhizomelic ankylosing spondylitis in the K. family (ab), Herman H. Riecker, et al., Sept., 612
—new familial case of cutis gyrata with pachyperiostosis of the extremities, verified anatomically (ab), A. Franceschetti, Nov., 782
—new hereditary skeletal condition in the group of osteogenesis imperfecta (ab), R. Baumann-Schenker, Sept., 460

- HERMANN, HAROLD W., NASLUND, AMES W., and KARL-STROM, ARTHUR E.**: Infantile cortical hyperostosis (ab), Oct., 611
- HERMAPHRODISM**
—roentgen visualization of genital tract in pseudohermaphrodisim (ab), Robert J. McCaffery, Nov., 783
- HERMEL, M. B.** See **GERSHON-COHEN, J.**
- See **REINHART, H. A.**
- HERNDON, CHARLES H.** See **HEYMAN, CLARENCE H.**
- HERNIA**
See also Lungs diaphragmatic
—hiatus hernia: analysis of 25 cases (ab), Eugene E. Simmons, et al., July, 139
—of spleen (ab), Aristide Rollandi, July, 139
—pneumoperitoneum in differential diagnosis (ab), Richard C. Clay and C. Rollins Hanlon, Dec., 909
—short esophagus (with diaphragmatic hernia) (ab), F. Soricelli and L. Di Guglielmo, Dec., 910
—traumatic hernia (ab), B. Noland Carter, et al., Dec., 910 inguinal
—of stomach: case (ab), Tom F. Lewis and Paul S. Ross, Sept., 453 internal
—roentgen diagnosis of intra-abdominal hernia (ab), A. Justin Williams and Fred L. Hewes, Dec., 908
- HEUSTIS, ALBERT E., and VAN FAROWE, DONALD**: The hazard of radiation, Dec., 832
- HEWES, FRED L.** See **WILLIAMS, A. JUSTIN**
- HEXAMETHIONUM BROMIDE**
—effects on stomach (ab), A. H. Douthwaite and M. G. Thorne, Dec., 906
- HEYMAN, ARTHUR**. See **NEMIR, ROSA L.**
- HEYMAN, CLARENCE H., and HERNDON, CHARLES H.**: Legg-Perthes disease. Method for the measurement of the roentgenographic result (ab), Sept., 466
- HICKEY, HAROLD L.**: Nasopharyngeal malignant tumor. An overlooked condition (ab), Nov., 785
- HIGGINSON, JOHN F., and GRISMER, JEROME T.**: Obstetric intrabronchial Hodgkin's disease. Case report (ab), Nov., 787
- HIMADI, GEORGE M.** See **STOUT, ARTHUR P.**
- HINE, GERALD J., and FRIEDMAN, MILTON**: Isodose measurements of linear radium sources in air and water by means of an automatic isodosimeter (ab), Nov., 788
- HINES, H. M.** See **GILBERT, D. L.**
- HIP**
—perforation of duodenum by ingested foreign body: symptoms suggesting disease of hip (ab), James B. Gillespie, Sept., 454 dislocation
—congenital dislocation: development of joint after closed reduction (ab), Erik Seierin, Sept., 465
—congenital dislocation in the newborn and in early post-natal life (ab), Vernon L. Hart, Aug., 290
—congenital dislocation: method of grading results (ab), William K. Massie and M. Beckett Howorth, Sept., 466
—distention-dislocation in the roentgenogram (ab), Fritz Kopfer, Nov., 781
- HIRSCH, E.** See **TARLOV, I. M.**
- HIRSCH, W.**: Roentgenologic consideration of myocardial aneurysm (ab), Sept., 451
- HIRSCHSPRUNG'S DISEASE**. See Colon
- HISTAMINE**
See also Antihistaminic Agents
—histamine hypothesis of biological effects of radiation (ab), F. Ellinger, Dec., 924
—influence of grenz rays on histamine-induced manifestations (ab), Gustav Bucky, et al., July, 154
- HISTOPLASMOSIS**
—further observations. Mycology and bacteriology (ab)
Michael Furcolow, July, 128
—pulmonary calcification—tuberculosis? histoplasmosis? (ab), Frederic N. Silverman, Oct., 593
—results of histoplasmin skin testing in children from the St. Louis, Mo. area (ab), John F. Lynch and E. Bryce Alpern, Nov., 773
- HITZIG, W. H.** See **MARMIER, C.**
- HOCHBERG, LEW A.**: Endothelioma (mesothelioma) of the pleura. A review with a report of seven cases, four of which were extirpated surgically (ab), Dec., 901
- See **GRiffin, E. HARRISON, and BICUNAS, ALFRED**: Neurofibrosarcoma of the anterior mediastinum. Surgical removal (ab), July, 129
- HODES, PHILIP J., PENDERGRASS, EUGENE P., and DENNIS, JOHN M.**: Cerebellopontine angle tumors: their roentgenologic manifestations, Sept., 395
- HODGES, PAUL C., and NICHOLS, RUSSELL L.**: Pelvic dimensions in eutocia and dystocia, Nov., 661
- HODGKIN'S DISEASE**
—(ab), Herman A. Hostetler, Nov., 787
—diagnosis and treatment of lymphoblastoma and leukemia from standpoint of radiologist (ab), Joseph L. Morton, Nov., 787
—Hodgkin's granuloma with pericardial effusion; unusual case of Hodgkin's disease presenting initially the signs and symptoms of pericarditis with effusion (ab), James A. Hagans, Oct., 603
—obstructing intrabronchial Hodgkin's disease; case (ab), John F. Higginson and Jerome T. Grismer, Nov., 787
—partition of radiophosphorus (P^{32}) in blood, urine, and tumor tissue in patients with Hodgkin's disease and lymphosarcoma before and after treatment with nitrogen mustard [methyl bis (beta chloroethyl) amine] (ab), S. P. Masouredis, et al., Oct., 625
—primary Hodgkin's disease of lung (ab), Krikor Yerduian and Leonard Myers, July, 127
—problem of pregnancy in Hodgkin's disease (ab), René Gilbert, Dec., 926
- HODGSON, JOHN R., KENNEDY, ROGER, L. J., and CAMP, JOHN D.**: Reticulo-endotheliosis (Hand-Schüller-Christian disease), Nov., 642
- den HOED, D.**: Radiotherapy of cerebral tumors (ab), Sept., 470
- HOFFMAN, CHARLES**. See **DANNENBERG, MAX**
- HOFFMANN, ARNOLD**: Importance of x-ray diagnosis for the operative treatment of prolapse of the intervertebral disk (ab). See **Sept., 464**
- HOLBROOK, ARTHUR A.**: Behavior of carob gum in the rectal intestinal tract of man (ab), Dec., 906
- HOLLICROFT, JOANNE, LORENZ, EGON, and HUNSTIGER, HARRIET**: Effects of ionizing radiations on a transplanted lymphosarcoma (ab), Aug., 302
- HOLMAN, ALBERT W.**: Hysterosalpingography in the study of sterility (ab), Sept., 469
- HOLMES, A. V.** See **MILLER, EARL R.**
- HOLT, JOHN F.**: Vitamin D resistant rickets (refractory rickets) (ab), Sept., 439
- HOPKINS, WILLIAM F.** See **LEIGH, TED F.**
- HORMONES**. See Androgens; Adrenal Preparations; Estrogens; Pituitary Preparations
- HORRAX, GILBERT**: Treatment of tumors of the pineal body. Experience in a series of twenty-two cases (ab), July, 148
- HORTON, CHARLES E.** See **NEAL, M. PINSON**
- HOSPITALS**
—report of committee of Minnesota State Radiological Society for hospital admission chest examination, Aug., 261
—results of chest x-ray screening in hospitals (ab), John E. Madden, Nov., 769
—tuberculosis case finding in general hospitals (ab), Zella Bryan, Aug., 277
- HOSTER, HERMAN A.**: Hodgkin's disease (ab), Nov., 787
- HOWARTH, SHEILA**: Blood-pressure changes during angiography (ab), Oct., 602
- HOWELL, CARTER W., and BERGH, GEORGE S.**: Pancreatic duct filling during cholangiography: its effect upon serum amylase levels (ab), Sept., 457
- HOWLAND, J. W.** See **BENNETT, L. R.**
- HOWORTH, M. BECKETT**. See **MASSIE, WILLIAM K.**
- HOYT, W. A., Jr.** See **BAKER, LENOX D.**
- HUGHES, JAMES P.** See **DUNDON, CARROLL C.**
- HUGHES, ROWLAND**. See **ROBERTS, NORMAN**
- HULTBERG, SVEN, and LARSSON, LARS-ERIC**, assisted by Eklund, Lennart: Some cases of radiation injury in radiologic work (ab), Sept., 475
- HUMMON, IRVIN F.** See **SCHAFFNER, FENTON**
- HUNSTIGER, HARRIET**. See **HOLLICROFT, JOANNE**
- HUNT, HOWARD B.**: Response of carcinoma of the cervix uteri to fractionated radium and roentgen therapy given concurrently (ab), Aug., 293
—See **SIMMONS, EUGENE E.**
- HUNTER, F. T., and ROBBINS, L. L.**: Protection of personnel engaged in roentgenology and radiology. Final report (ab), Dec., 924
- HURSH, JOHN B., VAN VALKENBURG, PRISCILLA A., and MOHNEY, JOHN B.**: Effect of roentgen radiation on thyroid function in rats, Sept., 411
- HURWITZ, ALFRED**. See **YESNER, RAYMOND**
- HUTCHINSON, FRANKLIN**: Determination of tissue dosage, Aug., 234
- HWANG, W. PREC, O., KURAMOTO, K., SEGALL, S., and KATZ, L. N.**: Hemodynamic study of a case of anomalous pulmonary venous drainage (ab), Sept., 451
- HYALURONIDASE**
—hyaluronidase action in normal and in roentgen irradiated rabbit skin (ab), Ray O. Noojin and Hugh B. Praytor, Dec., 926
- HYDE, BERNARD, and HYDE, LeROY**: Spontaneous pneumothorax—contrast of the benign idiopathic and the tuberculous types (ab), Nov., 771
- HYDE, JOHN S., and RICHMOND, JULIUS B.**: Vitamin D intoxication in a child with rheumatoid arthritis (ab), Aug., 289
- HYDE, LeROY**. See **HYDE, BERNARD**
- HYDRANENCEPHALY**. See **Brain**
- HYMAN, ALBERT L.** See **ORDWAY, NELSON K.**
- HYPEROSTOSIS**. See **Cranium. Temporal Bone**
- HYPEROSTOSIS, INFANTILE CORTICAL**. See **Bones**
- HYPOPHARYNX**. See **Pharynx**
- HYPOPHYYSIS**. See **Pituitary Body**
- HYSTEROGRAPHY**. See **Fallopian Tubes. Uterus**
- HYSTERSALPINGOGRAPHY**. See **Fallopian Tubes**

INDUSTRY AND OCCUPATIONS

- See also Pneumoconiosis
- significant findings in routine pre-employment examination of lumbosacral spine; preliminary report (ab), M. Lowry Allen and Martin C. Lindem, Oct., 612

INFANTS. See Children; Infants, Newborn**INFANTS, NEWBORN**

- congenital dislocation of hip in the newborn and in early postnatal life (ab), Vernon L. Hart, Aug., 290
- growth and development of Negro infants: relation of birth weight, body length and epiphyseal maturation to economic status (ab), Althea Kessler and Roland B. Scott, Aug., 291
- high gastro-intestinal obstruction: radiological interpretation (ab), Max Dannenberger, et al, July, 136
- perforated gastric ulcer in newborn infant (ab), Lydia T. Wright and Beatrice E. Scott, Nov., 778
- pneumomediastinum, subcutaneous emphysema, and pneumothorax lenta in newborn infant: fatal case (ab), John A. Ripp, Nov., 773

INFECTION

- influence of infection on hematological effects and mortality following mid-lethal roentgen irradiation, L. R. Bennett, P. E. Rekers, and J. W. Howland, July, 99

INJURIES. See Radiations; Roentgen Rays**INTERAMERICAN CONGRESS OF RADIOLOGY (Fourth), Aug., 260****INTERNATIONAL CONGRESS OF RADIOLOGY (Seventh), Aug., 260****INTESTINES**

- See also Colon; Duodenum; Gastro-Intestinal Tract

- acute intestinal radiation death: studies on roentgen death in mice (ab), Henry Quastler, et al, Dec., 925
- distribution of gas in intestine following laparotomies unaccompanied by complications (ab), Nils Liedberg and Stig Berglund, Nov., 779

- late radiation reaction in small intestine manifest 8 years after therapy; case (ab), Ralph C. Frank and Ernst A. Pohle, Dec., 924

- motility of small intestine in various diseases (ab), M. Föti, Sept., 453

- observations of normal and abnormal human intestinal motor function (ab), E. Leonard Posey, Jr., and J. Arnold Borgen, Dec., 906

abnormalities

- anomalies: review of literature; 2 unusual cases (ab), R. Bretnay and Aubrey O. Hampton, Oct., 604

- Hirschsprung's disease associated with anal stenosis and subhepatic cecum (ab), Gordon J. Harmston, Dec., 908

cancer

- diagnosis of early cancer (ab), Harry M. Weber, Nov., 778

diseases

- Crohn's disease: survey of literature and report on 34 cases (ab), George Armitage and Michael Wilson, Sept., 455

- non-specific granulomatous inflammation of stomach and duodenum: its relation to regional enteritis (ab), Maudred W. Comfort, et al, Nov., 777

- problems in diseases of small bowel: clinical picture of unusual cases (ab), M. A. Spellberg and Edward L. Jackson, Sept., 454

diverticula

- acute diverticulitis of large bowel (ab), L. S. Fallis and M. R. Marshall, July, 137

- differentiation of diverticulitis and carcinoma of large bowel: roentgenologic problem (ab), Robert G. Fraser and Carleton B. Peirce, Sept., 456

- roentgen demonstration of Meckel's diverticulum (ab), E. C. Raffensperger and F. B. Markunas, Oct., 606

- surgical management of complications of diverticulitis of large intestine: analysis of 202 cases (ab), Charles W. Mayo and Charles P. Blunt, July, 137

obstruction. See also Intussusception

- congenital obstruction; use of preliminary roentgenogram of abdomen in diagnosis (ab), John H. Kneidel, Aug., 284

- gallstone ileus (ab), Virgil R. Forester, July, 138

- gallstone ileus; unusual case (ab), I. F. Stein, Jr., and Karl A. Meyer, Oct., 608

- in infants and children (ab), Kenneth C. Sawyer and Horace P. Marvin, Dec., 907

- mesenteric liposarcoma: rare cause of obstruction (ab), John M. S. Manson, Dec., 907

- surgical aspects of scout films of abdomen (ab), C. Melvin Bernhard, Oct., 608

roentgenography

- end-to-end anastomosis of colon following resection: roentgen study of 42 cases (ab), Myer Sharpe and Ross Golden, Oct., 606

- radiographic studies of duodenum and jejunum in man (ab), J. W. McLaren, et al, Sept., 454

tumors

- primary malignant epithelial tumors of small bowel, A. G. Barns, Aug., 177

INTUSSUSCEPTION

- in infancy and early childhood: ten year review of cases at the Doernbecher Memorial Hospital for Children (ab), Millard S. Rosenblatt and Hugh D. Colver, Sept., 455

- in infants and children: analysis of 152 cases with a discussion of reduction by barium enema (ab), Mark M. Ravitch and Robert M. McCune, Jr., July, 136

- transitory invaginations of small bowel (ab), Bruno Bonomini, Oct., 606

IODINE AND IODINE COMPOUNDS

- See also Bronchi
- antihistaminic drugs for inhibiting untoward reactions to injections of contrast medium (ab), Olle Olsson, Dec., 917
- cardiovascular effects of diodrast; experimental study (ab), Alvin J. Gordon, et al, Oct., 617
- changes in lung tissues following bronchography with Joduron B (ab), W. Vischer, Dec., 900
- complications following use of neo-ipax in cerebral angiography (ab), Lyle A. French and Paul S. Blake, Oct., 589
- complications of angiography (ab), Rembrandt Dunsmore, et al, Nov., 764
- concerning the risks and responsibilities in the use of iodine compounds in radiodiagnosis, from the point of view of the radiologist (ab), A. Meyers, Aug., 294
- delayed hypersensitivity (anaphylactic) reaction to a test dose of vasiiodone; fatal case (ab), A. C. A. Coombes and E. H. Roche, Oct., 617
- irritating effect of iodized vegetable oils on brain and spinal cord when divided into small particles (ab), Rudolph Jaeger, Oct., 592
- oil embolism during hysterosalpingography (ab), Nathan Karshmer and William Stein, Dec., 915
- pantopaque meningitis due to hypersensitivity, James C. Luce, W. Leith, and Walter S. Burrage, Dec., 878
- tolerance of cerebral blood vessels to contrast media of diodrast group in animal experiments and in man (ab), Olle Olsson, Oct., 588
- uterovenous and uterolymphatic extravasation in hysterosalpingography (ab), A. Druzman and S. Rozin, Dec., 915
- radioactive. See Goiter; Thyroid

IRON, RADIOACTIVE. See Radioactivity**IRVING, N. W. See TICE, G. M.****ISOTOPES. See Radioactivity****J**

JACKMAN, JAMES: Syphilitic aortitis. Diagnosis by means of ascending aortic calcification (ab), Aug., 282

JACKSON, ALFRED E. See DOCKERTY, MALCOLM B.

JACKSON, MEYERDING, HENRY W.

JACKSON, EDWARD L. See SPELLBERG, M. A.

JACKSON, EUGENIA. See PATT, HARVEY M.

JACKSON, HARRIS: Diagnosis of minimal atlanto-axial subluxation (ab), Oct., 611

JACOBS, DONALD L. See ELSEY, EDWARD C.

JACOBSON, GEORGE, COHEN, SEYMOUR R., and CARTER, RAY A.: Pulmonary complications of acute bulbar poliomyleitis, Nov., 629

JACOBSON, FLASHER, J.

JACOBSON, L. O. See PEARL, A.

JACOBSSON, FOLKE: Carcinoma of the hypopharynx. Clinical study of 322 cases, treated at Radiumhemmet, from 1939 to 1947 (ab), Dec., 917

JACOBY, PAUL. See SAUGMANN-JENSEN, JØRGEN

JADASSOHN, W., BUJARD, E., PAILLARD, R., WENGER, P., and GAUDIN, P.: Effect of roentgen rays, gamma rays and beta rays on the epidermal cell. Experiments with the "pinapple-test" associated with Dustin's reaction (ab), Nov., 795

JAEGER, RUDOLPH: Irritating effect of iodized vegetable oils on the brain and spinal cord when divided into small particles (ab), Oct., 592

JAMES, ARTHUR G.: Cancer of the tongue (ab), Nov., 785

JAMISON, R. M. See WILLIAMS, G. Z.

JANKER, R.: A universal planigraph (ab), Nov., 785

JANNEY, C. D. See GILBERT, D. L.

JANZEN, A. See LINDSKOG, G. E.

JAPAN

— radiology in Japan (ed), Leo G. Rigler, July, 106

JASPIN, GEORGE. See SKOOG-SMITH, ANTON W.

JAWS

— adamantineomas (ab), Carman Weder, Nov., 767

— cherubism—a familial fibrous dysplasia of jaws (ab), W. A. Jones, et al, July, 141

JEJUNUM. See Fistula; Intestines

JELATIS, DEMETRIUS G. See HEDIN, RAYMOND F.

JENNINGS, W. KENNETH. See WILLS, IRVING

JENSEN, H. See HAMOLSKY, MILTON W.

JODURON. See Bronchi

JOHNSON, MARCELLA A., III. See SEYBOLD, WILLIAM D.

JOHNSON, ROBERT J. See EVERETT, NEWTON B.

JOINTS

See also under names of joints, as Hip; Shoulder; etc.

— multiple congenital dislocations associated with characteristic facial abnormality (ab), Loren J. Larsen, et al, Aug., 288

— osteochondritis dissecans affecting several joints; 2 cases (ab), B. M. Hay, July, 140

— skeletal and periaricular manifestations of hypervitaminosis D (ab), William R. Christensen, et al, Dec., 911

— ski injuries (ab), Gordon M. Morrison and Edward J. Coughlin, Jr., Oct., 613

— vacuum pneumatherapy and the spontaneous occurrence of gas in the joint spaces (ab), Delligan M. Fuks and Charles E. Grayson, Sept., 461

JONES, DAVID H. See RUDO, ALVIN D.

JONES, HOWARD L. See FIERST, SIDNEY M.

JONES, W. A., GERRIE, JOHN, and PRITCHARD, JOSEPH: Cherubism—a familial fibrous dysplasia of the jaws (ab), July, 141

- JORDAN, ARTHUR, and KELSELL, A. R.**: Observations on a case of idiopathic hypoparathyroidism (ab), Dec., 898
- JORDAN, GILBERT**. See SHEPPARD, C. W.
- JORDAN, WILLIAM S., Jr., ALBRIGHT, ROBERT W., McCAIN, FRENCH H., and DINGLE, JOHN H.**: Clinical variations in primary atypical pneumonia (ab), Nov., 770
- K**
- KAAS, SIGVARD, and PETERSEN, OLAF**: Treatment of thyroid carcinoma with radioactive iodine (ab), July, 151
- KÄSER, O.** See MARKEES, S.
- KALLMANN, H., and FURST, M.**: Fluorescence of solutions bombarded with high energy radiation (energy transport in liquids) (ab), Aug., 304
- KAMMERLING, ERWIN, CAVENAGH, JOHN B., and UNGER, LEON**: Cardiac aneurysm demonstrated by angiography (ab), July, 132
- KAPLAN, GUSTAVE**. See ROSWIT, BERNARD
- KAPLAN, HARRY**. See BROWDER, JEFFERSON
- KAPLAN, HENRY S.**: Influence of ovarian function on incidence of radiation-induced ovarian tumors in mice (ab), Aug., 302
- See ABRAMS, HERBERT L.
- See MERWIN, RUTH
- See THOMAS, SYDNEY F.
- KAPLAN, IRA L.**: Do children born of offspring of mothers irradiated for sterility show abnormal genetic effects? (ab), Nov., 792
- Question of genetic injury following x-ray irradiation of the ovaries in the treatment of sterility (ab), Aug., 298
- KAPOSI'S SARCOMA**. See Sarcoma, Kaposi's
- KARLSTROM, ARTHUR E.** See HERMANN, HAROLD W.
- KARPINSKI, FELIX E., Jr., and MARTIN, JAMES F.**: Skeletal lesions of leucemic children treated with aminopterin (ab), July, 141
- KARSHNER, NATHAN, and STEIN, WILLIAM**: Oil embolism during hysterosalpingography (ab), Dec., 915
- KARTAGENER'S TRIAD**. See Viscera
- KASSAY, D.** See GÖRGÉNYI-GÖTCHE, O.
- KATZ, L. N.** See AKMAN, L. C.
- See HWANG, W.
- See SALANS, A. H.
- KAUFMAN, SEYMOUR A.** See LEVENE, GEORGE
- KAUSEL, H.** See LINDSKOG, G. E.
- KAY, CALVIN F.** See ZINSSER, HARRY F., Jr.
- KEATING, F. RAYMOND, Jr., HAINES, SAMUEL F., POWER, MARSCHELLE H., and WILLIAMS, MARVIN M.D.**: Radioiodine-accumulating function of the human thyroid gland as a diagnostic test in clinical medicine (ab), Oct., 624
- KEATING, RICHARD P.** See SOBERMAN, ROBERT J.
- KEELE, K. D.**: Angiocardiograms after ligation of the ductus arteriosus (ab), Sept., 452
- KEEN, J. A.**: Age determination. Conflicting evidence presented by anatomical and radiological data of the skeleton (ab), Nov., 780
- KEIL, PHILIP G.** See DORNER, RALPH A.
- KEITH, JOHN D., and QUASTLER, CONSTANCE C.**: Aortography in infants (ab), Oct., 602
- Auricular septal defects in children (ab), Dec., 903
- KELLER, MILDRED E.** See QUASTLER, HENRY
- KELLY, F. J.** See RAY, C. T.
- KELSELL, A. R.** See JORDAN, ARTHUR
- KENDRICK, T. R.** See BOATMAN, JOSEPH B.
- KENNEDY, ROGER L. J.** See CHILDS, DONALD S., Jr.
- See HODGSON, JOHN R.
- KERTZNER, BERTRAM, and MADDEN, WILLIS A.**: Dysphagia caused by exostoses of the cervical spine (ab), Oct., 611
- KESSEL, JOHN F.** See KRITZER, MORTON D.
- KESSLER, ALTHEA, and SCOTT, ROLAND B.**: Growth and development of Negro infants. Relation of birth weight, body length and epiphysial maturation to economic status (ab), Aug., 291
- KIDNEYS**
See also Aneurysm; Hematuria; Pyelography
—adult renal osteitis fibrosis with metastatic calcification and hyperplasia of one thyroid gland; case (ab), E. Arthur Dreskin and Theodore A. Fox, Aug., 286
—alterations in renal function, including hematuria, in man during intracranial air studies. Alterations in cardiac function (ab), S. J. Weinberg, et al, Nov., 767
—long standing renal insufficiency with extensive metastatic calcifications (renal osteitis fibrosis cystica); case (ab), R. T. Levin and P. D. Genovese, Aug., 287
blood supply
—radiographic-anatomic study of vascular abnormalities in pathologic kidneys (ab), Ivo Orlandini, Dec., 915
—translumbar aortic puncture and retrograde catheterization of aorta in aortography and renal arteriography (ab), William E. Goodwin, et al, Oct., 616
cysts
—congenital polycystic disease (ab), Harry R. Newman, Aug., 293
—differential diagnosis between renal tumor and renal cyst (ab), George C. Prather, July, 146
tumors
—angioma: suspected bilateral involvement (ab), Bernard E. Paletz and George Sewell, Dec., 920
- bilateral Wilms' tumor; case (ab), John R. Barr and John W. Schulte, Sept., 472
—differential diagnosis between renal tumor and renal cyst (ab), George C. Prather, July, 146
—treatment of mixed tumors in childhood (ab), Robert E. Gross and Edward B. D. Neuhauser, Nov., 786
—Wilms' tumor; analysis of 39 cases seen at Duke Hospital in past 18 years (ab), David W. Goddard, Sept., 471
- KIEHN, CLIFFORD L., FRIEDELL, HYMER, BENSON, JERREL, BERG, MARVIN, and GLOVER, DONALD M.**: A study of the viability of autogenous frozen bone grafts by means of radioactive phosphorus (ab), Aug., 300
- KIELY, WILLIAM F.** See COMFORT, MANDRED W.
- KIPP, HAROLD A., and FISHER, EDWIN R.**: Eosinophilic granuloma of rib, with a case report (ab), Dec., 911
- KIRKLN, B. R.** See TONDREAU, RODERICK L.
- KIRSNER, JOSEPH B., PALMER, WALTER L., and KLOTZ, ARTHUR P.**: Reversibility in ulcerative colitis: clinical and roentgenologic observations, July, 1
- See PALMER, WALTER L.
- KITE, J. HIRAM**: Congenital metatarsus varus. Report of 300 cases (ab), Sept., 467
- KJELLBERG, SVEN R., and OLSSON, STEN-ERIK**: Roentgenological studies of experimental pulmonary embolism without complicating infarction in dog (ab), July, 130
- KJELLMAN, LENNART**: Aberrant pancreas (ab), Aug., 283
- KLEBSIELLA PNEUMONIA**. See Pneumonia
- KLEIN, D.** See FRANCESCHETTI, A.
- KLEINSCHMID, HELLMUTH**: Acro-osteolytic manifestations of osteomalacia (ab), Sept., 459
- KLIGERMAN, MORTON M.** See COSGRIFF, STUART W.
- KLOPFER, FRITZ**: Distortion-dislocation in the roentgenogram (ab), Nov., 781
- KLOTZ, ARTHUR P.** See KIRSNER, JOSEPH B.
- KLOTZ, PHILIP G.** See APPELL, ADOLPH A.
- KNEIDEL, JOHN H.**: Use of a preliminary roentgenogram of the abdomen in the diagnosis of congenital obstruction of the intestine (ab), Aug., 284
- KNOLL, V.**: Postoperative lung shadows (ab), Sept., 444
- KNUDSSON, FOLKE**: Changes in the sacro-iliac joints in Morbus Bechterew and osteitis condensans (ab), July, 142
- KOHAN, S.** See ROYER, M.
- KOHL, F. VAN NOUHUYNS**. See COLEMAN, R. D.
- KOHN, HENRY I.**, with the technical assistance of Swingle, Nancy, and Robertson, W. J.: Changes in blood plasma of guinea-pig during acute radiation syndrome (ab), July, 155
- KOIRANSKY, G. H.** See SPIEGEL, MILTON B.
- KOLOSKI, EUGENE L., SHALLENBERGER, PAUL L., and HAWK, GEORGE W.**: Large partially calcified gastric leiomyoma (ab), July, 135
- KOULUMIES, MARJA**: A case of melorheostosis (ab), Nov., 781
- KRAMER, SIMON**: Treatment of malignant tumours of the nasopharynx (ab), Oct., 618
- KRAUSS, RUTH F.** See HAMBRY, WALLACE B.
- KRITZER, MORTON D., BIDDLE, MARJORIE, and KESSEL, JOHN F.**: Outbreak of primary pulmonary coccidioidomycosis in Los Angeles County, Calif. (ab), Sept., 446
- KULOWSKI, J.**: Gaucher's disease in bone (ab), Aug., 288
- KURAMOTO, K.** See HWANG, W.
- KUSHLAK, SAMUEL D.**: Primary lymphosarcoma of the stomach with five year survival after operation. Clinical, x-ray, and gastroscopic features (ab), Aug., 283
- L**
- LABOR**
See also Pelvis, measurement
—pelvic dimensions in eutocia and dystocia, Paul C. Hodges and Russell L. Nichols, Nov., 661
—urinary bladder during parturition: consideration of its location, injury, and repair (ab), Sidney Cohn and Arthur Weinberg, July, 144
- LAGARDE, C.** See LE BIHAN, R.
- LAMINAGRAPHY**. See Body Section Roentgenography
- LAMPERT, ELMER G., WAUGH, JOHN M., and DOCKERTY, MALCOLM B.**: Incidence of malignancy in gastric ulcers believed preoperatively to be benign (ab), Nov., 778
- LANDMANN, HEINZ R.**: Medical aspects of atomic explosion (ab), Nov., 793
- LANGE, JEAN, and ØDEGAARD, HAAKON**: Abrodil myelography in herniated disk in the lumbar region, Aug., 186; See correction, Dec., 888
- LANZ, R.** See MARKEES, S.
- LANZ, ELIZABETH F.** See QUASTLER, HENRY
- LAPAROTOMY**. See Abdomen
- LAQUEUR, GERT L.** See SELZER, ARTHUR
- LARSEN, LOREN J., SCHOTTSTAEDT, EDWIN R., and BOST, FREDERIC C.**: Multiple congenital dislocations associated with characteristic facial abnormality (ab), Aug., 288
- LARSSON, LARS-ERIC**. See HULTBERG, SVEN
- LARYNX**
—carcinoma of hypopharynx; clinical study of 322 cases, treated at Radiumhemmet, from 1939 to 1947 (ab), Folke Jacobsson, Dec., 917
—new radiolaryngometric method, C. E. García, Dec., 884
—relation of tracheotomy and laryngeal carcinoma to pulmonary tuberculosis (ab), Alvin D. Rudo and David H. Jones, Nov., 770

- LASTRA, JOSE S. See MILANES, BERNARDO
 LATELLA, PETER D. See SMITH, MORLEY T.
 LAWRENCE, JOHN H. See BERLIN, NATHANIEL I.
 LAWRENCE, LEWIS R. See SHEINMEL, ARCHIE
 LEARY, WILLIAM V. See SEYBOLD, WILLIAM D.
 LEAVER, FRANK Y. See BATES, JOHN C.
 LEB, A.: Roentgen diagnosis of bronchial carcinoma as prerequisite to pneumonectomy (ab), July, 126
 LE BIHAN, R., BOISOT, R., and LAGARDE, C.: Intracranial calcification probably due to toxoplasmosis (ab), Dec., 898
 LEBORGNE, RAÚL: Diagnosis of tumors of the breast by simple roentgenography. Calcifications in carcinomas (ab), Dec., 905
 LEDER, M. E.: Idiopathic dilatation of the esophagus (megaoesophagus) (ab), Oct., 604
 LEE, C., MARSHALL, Jr., BEBB, KENNETH C., and BROWN, JOHN R.: Selective management of megacolon in infants and children (ab), Aug., 285
 LEES, A. W.: Atelectasis and bronchiectasis in pertussis (ab), Oct., 599
 LEGGAT, PETER O.: Cardiological case finding by means of mass miniature radiography (ab), Nov., 769
 LEGG-PERTHES DISEASE. See Osteochondritis deformans
 LEGS. See Extremities
 LEIGH, TED F., ABBOTT, OSLER A., and HOPKINS, WILLIAM A.: Roentgenologic considerations in tracheoesophageal fistula without esophageal atresia, with report of two cases, Dec., 871
 — and HOPKINS, WILLIAM A.: Roentgenographic findings in lesions of the lingula, Aug., 193
 — and ROGERS, JAMES V.: Visualization of the abdominal aorta and its branches following intravenous injection of contrast medium. Report of four cases (ab), Nov., 784
 LEIOMYOMA. See Tumors, myoma
 LEITH, W. See LUCE, JAMES C.
 LENS. See Eyes
 LEONARD, MORTON H., BRECK, LOUIS W., BASOM, W., COMPERE, and LOSEFF, HERBERT S.: Simple adapter for mounting head of x-ray tube to fracture table (ab), Sept., 469
 LERCH, P. See CHESTER, J.
 LÉRI'S MELORHEOSTOSIS. See Osteosclerosis
 LERICHE'S SYNDROME. See Aorta
 LEROY, GEORGE V.: Hematology of atomic bomb casualties (ab), Oct., 627
 — See DAVIS, LOYAL
 — TWEEDY, WILBUR R., and ASHENAZY, MOSES: Radioactive di-iodo-fluorescein: the health physics aspects of its use for diagnostic studies (ab), Nov., 766
 LESLIE, LAWRENCE W. See BEILIN, DAVID S.
 LESSES, MARK F. See FREEDBERG, A. STONE
 LEUKEMIA
 — biological half-life of radioactive phosphorus in the blood of patients with leukemia. I. Whole blood, with deviations of observations from predicted values and an estimate of total-phosphorus turnover rate. III. Erythrocytes, with deviations of observations from predicted values (ab), Harold Tivey and Edwin E. Osgood, Oct., 625
 — biological half-life of radioactive phosphorus in the blood of patients with leukemia. II. Plasma, with deviations of observations from predicted values and an estimate of total-phosphorus turnover rate. IV. Leukocytes: radioactive phosphorus content and the relation to plasma-P³² levels (ab), Edwin E. Osgood and Harold Tivey, Oct., 625
 — blood volume in chronic leukemia as determined by P³² labeled red blood cells (ab), Nathaniel I. Berlin, et al., July, 132
 — diagnosis and treatment of lymphoblastoma and leukemia from standpoint of radiologist (ab), Joseph L. Morton, Nov., 787
 — effect of transfusions and antibiotics upon the duration of life in children with lymphogenous leukemia (ab), Howard R. Bierman, et al., Aug., 297
 — in radiologists in 20 year period (ab), Herman C. March, Aug., 301
 — leukemia, polycythemia and related diseases (ab), Claude Star Wright, Nov., 787
 — lymphadenosis cutis circumscripta treated with radioactive phosphorus (ab), Seth S. Barnes and Thomas W. Moffatt, Aug., 300
 — radioactive phosphorus in treatment of lymphatic leukemia (ab), Henry D. Diamond, et al., Aug., 299
 — skeletal lesions of leukemic children treated with aminopterin (ab), Felix E. Karpinski, Jr., and James F. Martin, July, 141
 — uptake of radioactive iodine by thyroid gland of leukemic patients (ab), Edwin C. Albright and William S. Middleton, July, 151
 LEUKOCYTES
 — biological half-life of radioactive phosphorus in the blood of patients with leukemia. IV. Leukocytes: radioactive phosphorus content and the relation to plasma-P³² levels (ab), Edwin E. Osgood and Harold Tivey, Oct., 625
 — effect of vitamin B₁₂ on leukopenia induced by radiation (ab), Robert E. Carter, et al., July, 154
 LEUKOPENIA. See Leukocytes
 LEUKOTOMY. See Brain
 LEVENE, GEORGE, and KAUFMAN, SEYMOUR A.: Roentgen diagnosis of pericardial effusion, with special reference to the appearance of the barium-filled esophagus and the cardioesophageal angle, Sept., 373
 LEVI, J., ELLIOT, and LEWISON, EDWARD F.: Venous velocity in the leg measured with radioactive sodium (ab), Oct., 616
 LEVIN, EMANUEL J., and FELSON, BENJAMIN: Asymptomatic gastric mucosal prolapse, Oct., 514
 LEVIN, IRWIN. See PALMER, WALTER L.
 LEVIN, R. T., and GENOVESE, P. D.: Report of a case of long standing renal insufficiency with extensive metastatic calcifications (renal osteitis fibrosa cystica) (ab), Aug., 287
 LEVINTHAL, DANIEL H. See WOLIN, IRVING
 LEVRIER, P., and TEMPLE, P.: Diagnostic and pathologic evaluation of congenital block vertebrae (ab), Oct., 611
 LEVY, LOUIS, II. See ORDWAY, NELSON K.
 LEWIN, WALPOLE: Rapid serial angiography (ab), Oct., 588
 LEWIS, TOM F., and ROSS, PAUL S.: Inguinal herniation of stomach. Case report (ab), Sept., 453
 LEWISON, EDWARD F. See LEVI, J., ELLIOT
 LICHTENSTEIN, IRVING L. See ULIN, ALEX W.
 LICHTENSTEIN, LOUIS: Giant-cell tumor of bone. Current status of problems in diagnosis and treatment (ab), Dec., 910
 LIEBMAN, CHARLES. See CHRISTENSEN, WILLIAM R.
 LIEBOW, A. See LINDSKOG, G. E.
 LIEDBERG, NILS, and BERGLUND, STIG: Distribution of gas in the intestine following laparotomies unaccompanied by complications (ab), Nov., 779
 LIMB. See Extremities
 LIND, JOHN: Heart volume in normal infants. A roentgenological study (ab), July, 131
 LINDBLOM, KNUT: Backache and its relation to ruptures of the intravertebral disks, Nov., 710
 — Technique and results in myelography and disc puncture (ab), Oct., 612
 LINDELL, B., SIEVERT, R., and WAHLBERG, T.: A method of concentrating roentgen rays for deep therapy (preliminary reports) (ab), Sept., 473
 LINDEM, MARTIN C. See ALLEN, M. LOWRY
 LINDEMANN, B.: Simultaneous angiocardiotomography (ab), Nov., 774
 LINDGREN, E.: Encephalographic examination of tumours in the posterior fossa (ab), Oct., 588
 LINDSKOG, G. E., LIEBOW, A., KAUSEL, H., and JANZEN, A.: Pulmonary arteriovenous aneurysm (ab), Sept., 449
 LINDSTRÖM, B. See ENGSTRÖM, A.
 LINGUAL THYROID. See Thyroid
 LINGULA. See Lungs
 LIPIODOL. See Spine, intervertebral disks
 LIPOMA. See Tumors, lipoma
 LIPOSARCOMA. See Sarcoma, liposarcoma
 LIPPINCOTT, SAMUEL W., Jr. See HARE, HUGH F.
 LIPS
 — results of irradiation in cancer of lip, tongue and ear (ab), L. H. Garland and Merrell Sisson, Sept., 470
 LIS, EDWARD F., and FRAUENBERGER, GEORGE S.: Multiple fractures associated with subdural hematoma in infancy (ab), Nov., 781
 LIVER
 — amebic abscess (ab), Edgar E. Struve, July, 137
 — effects of single massive doses of roentgen radiation upon the liver, experimental study, Irving M. Ariel, Oct., 561
 — hepatolienography: past, present, and future, Sydney F. Thomas, George W. Henry, and Henry S. Kaplan, Nov., 699
 — portal venography (ab), George E. Moore and Richard B. Brindenbaugh, Oct., 616
 — posthepatolienography, preliminary report, Charles E. Child, III, Ward D. O'Sullivan, Mary Ann Payne, and Roy D. McClure, Jr., Nov., 691
 — roentgen demonstration of venous circulation: portal venography, George E. Moore and Richard B. Brindenbaugh, Nov., 685
 — unusual retroperitoneal cyst simulating a calcified hepatic cyst (ab), William H. Shull and Charles F. Wilkinson, Jr., Aug., 286
 LLOYD, FREDERICK A., and BONNETT, DOVELL: Müllerian duct cysts (ab), Nov., 783
 LOCK, F. R. See MAUZY, C. H.
 LOCKHART-MUMMERY, H. E., and SMITHAM, J. HILL-YER: Varicose ulcer: a study of the deep veins with special reference to retrograde venography (ab), Dec., 935
 LODGE, THOMAS: Primary bronchogenic carcinoma. Review of 130 cases (ab), Sept., 449
 LOEFFLER'S SYNDROME. See Lungs
 LÖNNERBLAD, LARS: Value of a total population roentgen chest survey in the campaign against tuberculosis (ab), Nov., 769
 LOEVINGER, R., WOLF, B. S., and MINOWITZ, W.: Clinical isodose curves (ab), Nov., 789
 LOEWY, ARTHUR. See TAMARI, MARVIN J.
 LOFSTEDT, STIG: Intracranial arterial aneurysms. Preliminary report (ab), Oct., 589
 LOMBARDI, GUIDO: Radiologic study of cerebral angioma (ab), Dec., 897
 LONG, ROBERT S. See SIMMONS, EUGENE E.
 LOOSLI, CLAYTON G. See SLATTERY, ROBERT V.

- LOQUVAN, GEORGE S.** See **WILLS, IRVING**
- LORBER, J.** See **EMERY, J. L.**
- LORENTZON, L., and WAHLBERG, T.**: A simple instrument for radiation protection measurements (ab), Sept., 476
- LORENZ, EGON.** See **HOLLCROFT, JOANNE**
- LORENZ, REINHOLD:** Ventriculography of temporal tumors (ab), July, 124
- LOSEFF, HERBERT S.** See **LEONARD, MORTON H.**
- LOVE, JESSHILL, COMBS, G. N., ASKEW, W. A., and HARcourt, M.**: Value of cross-section diagrams in delivering accurate x-ray therapy into the female pelvis, Aug., 169
- LOVE, ROBERT A.** See **HANDLSEDER, JOHN S.**
- LOVEJOY, FRANK W., Jr.** See **BRUCE, ROBERT A.**
- LOVEMAN, ADOLPH B., and FLIEGELMAN, MAURICE T.**: Lymphocytoma cutis. Report of two cases (ab), Dec., 919
- LOW-BEER, B. V. A.** See **MASOURIDES, S. P.**
- LOWEN, HARRY J., FINK, SEYMOUR A., and HELPERN, MILTON:** Transfixion of the heart by embedded ice pick blade with eight months' survival (ab), Aug., 282
- LUCE, JAMES C., LEITH, W., and BURRAGE, WALTER S.**: Pantopaque meningitis due to hypersensitivity, Dec., 878
- LUCKÉ, BALDUIN, and SCHLUMBERGER, H. G.**: Effects of roentgen rays on cancer I. Direct microscopic observation on living intraocular transplants of frog carcinoma (ab), Nov., 794
- LUDEWIG, STEPHAN, and CHANUTIN, ALFRED:** Effect of x-ray irradiation on the alkaline phosphatase of the plasma and tissues of rats (ab), Nov., 795
- LÜDEKE, H.**: Frequent occurrence of parosteal new bone formation in transverse paraplegia (ab), Sept., 462
- LÜDIN, MAX:** Roentgen pictures of the lungs and diaphragm (ab), Sept., 444
- LUNGS**
See also **Aneurysm, pulmonary;** **Bronchi;** **Bronchiectasis;** **Emphysema;** **Pleura**
—changes in lung tissues following bronchography with Joduron B (ab), W. Vischer, Dec., 900
—herniation of lung in cervical region, H. A. Reinhart and M. B. Hermel, Aug., 204
—localized interlobar effusion in congestive heart failure; vanishing tumor (ab), William I. Geffter, et al., Aug., 282
—non-specific pneumonitis of left upper lobe (simulating the "middle lobe syndrome" and producing an early superior pulmonary sulcus syndrome); case (ab), William M. Ashe, et al., Dec., 900
—shrunken right middle lobe, with reference to the so-called "middle lobe syndrome" (ab), Eli H. Rubin and Morris Rubin, July, 127
—use of ACTH and cortisone in treatment of post-irradiation pulmonary reaction, Stuart W. Cosgriff and Morton M. Kligerman, Oct., 536
- abnormalities**
—bronchopulmonary hypogenesis; diagnosis in the living (ab), Isadore Meschan and Joseph D. Calhoun, Nov., 770
—unusual conditions simulating pulmonary atelectasis, with case reports of agenesis and hypoplasia of lung and of fracture of bronchus, together with report of case of massive atelectasis in bronchial asthma included for comparison (ab), Robert E. Priest, Nov., 771
- (ab), W. L. Phillips, Aug., 277
- blood supply.** See **Aneurysm, pulmonary;** **Lungs, collapse calcification**
- geographic distribution of pulmonary calcification among university students in Ohio (ab), John A. Prior, et al., Aug., 277
- tuberculosis? histoplasmosis? (ab), Frederic N. Silverman, Oct., 593
- cancer.** See also **Bronchi, cancer**
—angiopneumography and cancers of the lung (ab), P. Santy, et al., Dec., 899
—detected in surveys (ab), Richard H. Overholts, Oct., 595
—mass surveys as case-finding techniques for pulmonary neoplasia (ab), Katharine R. Boucot, Oct., 595
—multiple cancers; primary in lung and other sites (ab), William G. Cahalan, et al., Aug., 276
—pulmonary metastatic lesion successfully treated with radioactive iodine; case of pulmonary metastasis from a papillary adenocarcinoma of thyroid (ab), A. Stone Freedberg, et al., Oct., 623
—roentgen diagnosis of intrathoracic lymph node metastases in carcinoma of lung, James J. McCort and Laurence L. Rohrbach, Sept., 339
—simultaneous occurrence of pulmonary tuberculosis and cancer (ab), Eugen Muntean and Rudolf Amon, July, 127
- cavitation**
—due to polyarteritis (ab), Benjamin P. Sandler, et al., Oct., 600
- collapse**
—atelectasis and bronchiectasis in pertussis (ab), A. W. Lees, Oct., 599
—blood flow through an atelectatic lung (ab), Viking O. Björk and Ernst F. Salén, Nov., 771
—experimental massive collapse (ab), W. W. Coulter, Jr., July, 131
- unusual conditions simulating pulmonary atelectasis, with case reports of agenesis and hypoplasia of lung and of fracture of bronchus, together with report of case of massive atelectasis in bronchial asthma included for comparison (ab), Robert E. Priest, Nov., 771
- cysts**
—bronchogenic cysts, R. J. Healy, Aug., 200
- differentiation of congenital cysts and those following staphylococcal pneumonia (ab), Willis J. Potts and William L. Riker, Sept., 445
- surgical treatment of giant emphysematous blebs and pulmonary tension cysts (ab), David J. Dugan and Paul C. Samson, Oct., 597
- treatment of giant cysts (ab), Frank F. Allbritton, Jr., and John Y. Templeton, III, Oct., 597
- diseases.** See also **Pneumoconiosis;** **Pneumonia**
—bronchogenic carcinoma as a differential diagnostic problem in pulmonary disease: carcinoma arising from major bronchi uncomplicated by secondary infection (ab), John H. Moyer and Alfred J. Ackerman, Dec., 898
- Marie's hypertrophic pulmonary osteoarthropathy associated with biliary cirrhosis; case (ab), Gonzague de Meyer and Philibert Sarasin, Oct., 611
- non-tuberculous diseases (ab), L. L. Allen, Oct., 592
- fibrosis**
—idiopathic fibrosis: its occurrence in identical twin sisters (ab), J. Winthrop Peabody, et al., Sept., 447
- patterns of fibrosis as related to pulmonary function (ab), David M. Spain, Oct., 392
- mycosis.** See also **Aspergillosis;** **Coccidioidomycosis**
—Mucor-mycosis (ab), J. D. Murphy and S. Bornstein, July, 128
- pathology**
—complications of acute bulbar poliomyelitis, George Jacobson, Seymour R. Cohen, and Ray A. Carter, Nov., 629
- protein nature of scleroderma, with note on pulmonary changes (ab), Stanley M. Aronson and Lazar Wallerstein, Oct., 600
- pulmonary changes in uremia (ab), Hyman E. Bass and Emanuel Singer, Nov., 773
- pulmonary infiltration and blood eosinophilia in children (Loeffler's syndrome). Review with report of 8 cases (ab), Rosa L. Nemir, et al., Nov., 773
- pulmonary infiltration with a positive Wassermann reaction (ab), Carlo Borsella, Dec., 901
- transient pulmonary manifestations in rheumatoid arthritis (ab), Joseph Bloom and Jack H. Rubin, Sept., 449
- roentgenography**
—asymmetrical and circumscribed lesions (ab), Walter F. Budgen, Oct., 592
- correlation of postmortem pathological observations with chest roentgenograms, David S. Beilin, Jack P. Fink, and Lawrence W. Leslie, Sept., 361
- findings in lesions of lingula, Ted F. Leigh and William A. Hopkins, Aug., 193
- pictures of lungs and diaphragm (ab), Max Lüdin, Sept., 444
- postoperative lung shadows (ab), V. Knoll, Sept., 444
- roentgen studies of experimental pulmonary embolism without complicating infarction in dog (ab), Sven R. Kjellberg and Sten-Erik Olsson, July, 130
- single circumscribed, intrathoracic densities (ab), Hans Abeles and David Ehrlich, Dec., 898
- topographical visualization of lung segments (ab), Paul Ch. Schmid, Nov., 768
- tuberculoma.** See **Lungs, tumors**
- tuberculosis.** See **Tuberculosis, Pulmonary tumors**
- alveolar cell tumor (ab), Martin W. Davis and Thomas R. Simon, Nov., 772
- angiocardioangiography in diagnosis (ab), M. Battezzati, et al., Oct., 596
- localized interlobar effusion in congestive heart failure; vanishing tumor of lung (ab), William I. Geffter, et al., Aug., 282
- non-specific pneumonitis of left upper lobe (simulating the "middle lobe syndrome" and producing an early superior pulmonary sulcus syndrome); case (ab), William M. Ashe, et al., Dec., 900
- primary Hodgkin's disease (ab), Krikor Vardumian and Leonard Myers, July, 127
- tuberculoma: clinical and pathological aspects; 18 cases (ab), Harrison Black and Lauren V. Ackerman, Sept., 446
- tuberculomas: pathogenesis, diagnosis, and management (ab), Gordon J. Culver, et al., Oct., 594
- LUPTON, CHARLES H., Jr.** See **MERREN, DAVID D.**
- LUSIGNAN, FRANK W., and CROSS, GLEN O.**: Calcified intracranial hematoma. Case report and review of the literature (ab), July, 125
- Intracranial angiography in the treatment of cerebral vascular accidents. Reports of cases and review of literature (ab), Aug., 273
- LYMPH**
—biochemical, cellular, and bacteriologic changes in thoracic duct lymph of dogs exposed to total body irradiation (ab), Crawford S. Brown, et al., Nov., 794
- LYMPH NODES**
—eroding calcified mediastinal lymph nodes (ab), Shea Halle and Oscar Blitz, July, 129

- LYMPH NODES**—*cont.*
 —localization of radioactive colloids (ab), Leonard A. Walker, July, 153
 —plasmacytoma; case with multiple myeloma (ab), Morris A. Simon and S. Eidlow, Oct., 610
 —roentgen diagnosis of intrathoracic lymph-node metastases in carcinoma of lung, James J. McCort and Laurence L. Robbins, Sept., 339
- tuberculosis**
 —importance of bronchial changes caused by tuberculous bronchial nodes during the course of tuberculosis in childhood (ab), H. Wissler, Oct., 594
 —significance of bronchial perforation in tuberculosis of endothoracic lymph nodes, including some remarks about the publication of Ph. Schwartz (ab), O. Görgényi-Göttsche and D. Kassay, Dec., 899
- LYMPHADENOSIS.** See Leukemia
- LYMPHANGIOMA.** See Tumors, angioma
- LYMPHATIC SYSTEM**
 —uterovenous and uterolymphatic intravasation in hysterosalpingography (ab), A. Druckman and S. Rozin, Dec., 914
- LYMPHEDEMA.** See Edema
- LYMPHOBLASTOMA.** See Hodgkin's Disease
- LYMPHOCYTOMA.** See Tumors, lymphocytoma
- LYMPHOID TISSUE**
 —effect of lymphoid necrosis due to nitrogen mustard and roentgen irradiation on neuromuscular function of hypophsectomized animals (ab), Clara Torda and Harold G. Wolff, Oct., 628
- LYMPHOSARCOMA.** See Sarcoma, lymphosarcoma
- LYNCH, JOHN F.** and **ALPERN, E. BRYCE**: Results of histoplasmin skin testing in children from the St. Louis, Mo., area (ab), Nov., 773
- M**
- MACARINI, N.** and **OLIVA, L.**: Direct radiographic visualization of the pancreas (ab), Dec., 909
- McCAFFERY, ROBERT J.**: Roentgenological visualization of the genital tract in pseudohermaphroditism (ab), Nov., 783
- McCAIN, FRENCH H.** See **JORDAN, WILLIAM S., Jr.**
- McCANDLESS, OLIVER HOWARD** (obit), Aug., 257
- McCARROLL, H. RELTON**: Clinical manifestations of congenital neurofibromatosis (ab), Sept., 462
- MCARTHY, WILLIAM D.** and **PACK, GEORGE T.**: Malignant blood vessel tumors. Report of 56 cases of angiomyxoma and Kaposi's sarcoma (ab), Sept., 472
- MCLEERY, ROBERT S.** See **MARTIN, RAYMOND S.**
- MCCLELLAND, JAMES N.** See **BIERMAN, HOWARD R.**
- MCCLURE, ROY D., Jr.** See **CHILD, CHARLES G., III**
- MCCORD, MALCOLM C.**, **EDLIN, PHILIP**, and **BLOCK, MALCOLM**: Superior vena caval system obstruction (ab), Dec., 905
- MCORT, JAMES J.** and **ROBBINS, LAURENCE L.**: Roentgen diagnosis of intrathoracic lymph-node metastases in carcinoma of the lung, Sept., 339
- MCJOY, HERBERT I.** See **STEINBERG, ISRAEL**
- MCULLAGH, E. PERRY**, and **RICHARDS, CHARLES E.**: Radioactive iodine in the treatment of hyperthyroidism (ab), Nov., 790
- MCUNE, ROBERT M., Jr.** See **RAVITCH, MARK M.**
- MACDONALD, DEAN**: Further observations on the clinical value of cholangiography (ab), July, 138
- MCDONALD, JOHN R.** See **ASHE, WILLIAM M.**
 —See **SEYBOLD, WILLIAM D.**
- MCDOUGALL, J. T.**, **GIBSON, A.**, and **WILLIAMS, T. H.**: Irradiation necrosis of head of femur (ab), July, 153
- MCDOWELL, MARION E.** See **BRUCE, ROBERT A.**
- MacFARLAND, M. L.**, **PETERS, M. V.**, **BALLANTYNE, R. M.**, and **MCHENRY, E. W.**: Pyridoxine and experimental x-radiation injury in rats (ab), Oct., 628
- MCHENRY, E. W.** See **MacFARLAND, M. L.**
- MCLEAREN, J. W.**, **ADRAN, G. M.**, and **SUTCLIFFE, J.**: Radiographic studies of duodenum and jejunum in man (ab), Sept., 454
- MCLEAN, FRANKLIN C.** See **URIST, MARSHALL R.**
- MacMANUS, JOSEPH E.** See **CULVER, GORDON J.**
- MACNAB, IAN**: Spontaneous lithiasis with an intact neural arch—the so-called pseudo-spontaneous lithiasis (ab), July, 142
- MCNAMEE, EDGAR P.** (obit), Sept., 433
- MADDEN, JOHN E.**: Results of chest x-ray screening in hospitals (ab), Nov., 769
- MADDEN, WALLACE C.** and **OLMSTEAD, EDWIN G.**: Leiomyoma of the esophagus. Report of case with successful resection (ab), Sept., 453
- MADDEN, WILLIS A.** See **KERTZNER, BERTRAM**
- MADSEN, C. B.** See **HANSEN, P. BJERKE**
- MAGUIRE, CHARLES H.** and **MOORE, WILLIAM R.**: Meconium peritonitis (ab), Aug., 285
- MAIER, HERBERT C.**: Tracheal compression from bronchogenic cyst; esophageal wall (ab), Aug., 282
- MAJEWSKI, JOSEPH T.** See **SCHMITZ, HERBERT E.**
- MALENCHINI, MANUEL**, and **ROCK, TEO**: Persistent ductus arteriosus. Importance of angiography and thoracic aortography in diagnosis and preoperative study (ab), Nov., 773
- MALONEY, G. C.**: Value of vaginal cytology in observing the progress under radiation treatment of patients suffering from cancer of the cervix (ab), Aug., 290
- MANDEVILLE, FREDERICK B.** See **PASTORE, PETER N.**
- MANSON, JOHN M. S.**: Mesenteric liposarcoma: a rare cause of intestinal obstruction (ab), Dec., 907
- MARCH, HERMAN C.**: Leukemia in radiologists in a 20 year period (ab), Aug., 301
- MARIE'S DISEASE.** See Osteoarthropathy
- MARIE-STRÜMPPELL ARTHRITIS.** See Spine
- MARKEES, S.**, **KÄSER, O.**, and **LANZ, R.**: Pyruvic acid metabolism during normal and pathological pregnancy, during and after anesthesia and roentgen therapy (ab), Sept., 474
- MARKES, JEROME A.** See **SNOW, WILLIAM**
- MARKUNAS, F. B.** See **RAFFENSPERGER, E. C.**
- MARMIER, C.** and **HITZIG, W. H.**: Multiple arteriovenous aneurysms of the lung in Osler's disease (telangiectasis haemorrhagica hereditaria) (ab), Sept., 450
- MARSHAK, RICHARD H.**, **POOLE, CHARLES S.**, and **GOLDBERGER, MORRIS A.**: Hysterosalpingography. An analysis of 2,500 cases with special emphasis on technique and safety of the procedure (ab), July, 146
 —See **GOLDBERGER, M. A.**
- MARSHALL, E. WAYNE**. See **GEPTER, WILLIAM I.**
- MARSHALL, M. R.** See **FALLIS, L. S.**
- MARTIN, F. A.** See **GURDJIAN, E. S.**
- MARTIN, HAYES MORFIT, H. MASON**, and **EHRLICH, HARRY**: The case for bronchiogenic cancer (malignant bronchioma) (ab), Oct., 619
- MARTIN, JAMES F.** See **KARPINSKI, FELIX E., Jr.**
- MARTIN, JOHN**. See **DAVIS, LOYAL**
- MARTIN, P. L.** See **REBOUL, J.**
- MARTIN, RAYMOND S.** and **MCLEERY, ROBERT S.**: An improved method of venography for the pre-operative evaluation of the postphlebitic extremity (ab), July, 146
- MARTLAND, HARRISON S.**, and **MARTLAND, HARRISON S., Jr.**: Placental barrier in carbon monoxide, barbiturate and radium poisoning: some original observations in humans (ab), July, 154
- MARTLAND, HARRISON S., Jr.** See **MARTLAND, HARRISON S.**
- MARVIN, HORACE P.** See **SAWYER, KENNETH C.**
- MASON, J. T.** See **ALDRIDGE, C. W.**
- MASQUERDIS, S. P.**, **LOW-BEER, B. V. A.**, **BIERMAN, H. R.**, **CHERNEY, L. S.**, and **SHIMKIN, M. B.**: Partition of radiophosphorus (^{32}P) in blood, urine, and tumor tissue in patients with Hodgkin's disease and lymphosarcoma before and after treatment with nitrogen mustard [methyl bis (beta-chloroethyl) amine] (ab), Oct., 623
- MASS SURVEYS**
 See also Lungs, cancer; Tuberculosis, Pulmonary
 —cardiological case finding by means of mass miniature radiography (ab), Peter O. Leggat, Nov., 769
 —geographic distribution of pulmonary calcification among university students in Ohio (ab), John A. Prior, et al, Aug., 277
 —nature of lesions encountered in routine chest x-rays (ab), Robert V. Slattery, et al, Aug., 275
- MASSEE, WILLIAM K.**, and **HOWORTH, M. BECKETT**: Congenital dislocation of the hip. Part I. Method of grading results (ab), Sept., 466
- MASTOID**
 —monostotic fibrous dysplasia of mastoid and temporal bone (ab), Charles E. Towson, Oct., 613
- MASY, S.**: Personal experience with ethyl di-iodostearate in arteriography (ab), Oct., 617
- MATTHEI, L. P.**: Improved pediatric excretory urography (ab), July, 145
- MATTHEWS, JAMES H.** See **SANDLER, BENJAMIN P.**
- MATTSSON, ÖVE**: Film-faults caused by contact between roentgen films during the development (ab), Aug., 294
- MATZINGER, KAROL E.** See **FLETCHER, GILBERT H.**
- MAUZY, C. H.**, **LOCK, F. R.**, and **DONNELLY, J. F.**: Management of fibromyomatous uterus (ab), Nov., 788
- MAVERLIS, WILLIAM**. See **GASUL, BENJAMIN M.**
- MAXILLARY SINUS**
 —adamantinomas (ab), Carman Weder, Nov., 767
 —rhabdomyosarcoma of antrum: 7 year survival following surgical excision and radiation therapy (ab), Peter N. Pastore, et al, Aug., 294
- MAXWELL, ROY D.** See **SOBERMAN, ROBERT J.**
- MAYNARD, RUSSELL M.** See **WILDER, HELENOR C.**
- MAYO, CHARLES W.**, and **BLUNT, CHARLES P.**: Surgical management of the complications of diverticulitis of the large intestine. Analysis of 202 cases (ab), July, 137
 —vesicosigmoidal fistulas complicating diverticulitis (ab), Oct., 607
- MAZURE, P.** See **ROYER, M.**
- MECHLING, ROBERT S.** and **WATSON, JAMES R.**: The solitary gallstone (ab), Sept., 457
- MECKEL'S DIVERTICULUM**. See Intestines
- MECONIUM**
 —meconium peritonitis (ab), Charles H. Maguire and William R. Moore, Aug., 285
- MEDIASTINUM**
 See also Emphysema; Lymph Nodes
 —laminography associated with artificial anterior pneumomediastinum in roentgen study of mediastinum (ab), Attilio Romanini and Mario Spadoni, Oct., 800
 —mediastinal pseudocyst of pancreas: case report and discussion (ab), Philip Edlin, Dec., 909

- MEDIASTINUM**—*cont.*
 —posterior mediastinal goiter; 3 cases (ab), J. S. Tomkinson, Dec., 901
tumors
 —angiocardio-pneumography in diagnosis (ab), M. Battezati, et al, Oct., 596
 —neurofibrosarcoma of anterior mediastinum; surgical removal (ab), Lew A. Hochberg, et al, July, 129
MEDNICK, EDWARD A. See SHEINMEL, ARCHIE
MEDNICK, HENRY, SCHWEDEL, JOHN B., and SAMET, PHILIP: Electrocardiographic studies of the normal cardiac cycle (ab), July, 133
 —See **SAMET, PHILIP**
 —See **SCHWEDEL, JOHN B.**
MEGACOLON. See Colon
MEGAESOPHAGUS. See Esophagus
MEGIBOW, SAMUEL. See GORDON, ALVIN J.
MEISTER, A., and MINDER, W.: On the effect of roentgen rays upon some simple aliphatic brom compounds (ab), July, 155
MELANOSARCOMA. See Sarcoma, melanosarcoma
MELORHEOSTOSIS. See Osteosclerosis
MENDELL, THEODORE H. See EPSTEIN, HARRY J.
MENINGES
 —lumbar extradural hematoma; case simulating protruded disk syndrome (ab), Hendrik J. Svien, et al, Oct., 612
 —multiple fractures associated with subdural hematoma in infancy (ab), Edward F. Lis and George S. Frauenberger, Nov., 781
 —pantopaque meningitis due to hypersensitivity, James C. Luce, W. Leith, and Walter S. Burrage, Dec., 878
 —retention of pantopaque in subarachnoid space (ab), Edgar A. Bering, Jr., Aug., 290
 —venous shunts in bilateral parasagittal meningioma (ab), Jefferson Browder and Harry Kaplan, Aug., 272
MENINGIOMA. See Meninges
MENOPAUSE
 —use of beta rays in climacteric metrorrhagia: a suggestion (ab), F. Craimz, Aug., 298
MENVILLE, LEON J. See ROMAGOSA, JEROME
2,3-DIMERCAPTOPROPANOYL. See BAL
MERCURY
 —distribution of radiomercury of a mercurial diuretic (mercuphydrin) in some of body fluids of man (ab), C. T. Ray, et al, July, 152
MERLE. See STUHL
MERREN, DAVID D., VEST, SAMUEL A., and LUPTON, CHARLES H., Jr.: Treatment of malignant tumors of the testis (ab), Dec., 918
MERWIN, RUTH, ALGIRE, GLENN, H., and KAPLAN, HENRY S.: Transparent chamber observations of the response of a transplantable mouse mammary tumor to local roentgen irradiation (ab), Nov., 793
MESCHAN, ISADORE, and CALHOUN, JOSEPH D.: Bronchopulmonary hypogenesis: diagnosis in the living (ab), Nov., 770
 —and SCRUGGS, JOE B.: Pneumoencephalographic changes following prefrontal leukotomy (Freeman-Watts technic) (ab), Dec., 898
MESENCHYME. See Tumors, mesodermal
MESENTERY
 See also Thrombosis
 —cysts; case (ab), E. M. Crawford, et al, Nov., 780
 —liposarcoma; rare cause of intestinal obstruction (ab), John M. S. Manson, Dec., 907
 —mesenterium commune (ab), H. Voegt, Aug., 285
MESOTHELIOMA. See Tumors, mesothelioma
METABOLISM. See Pyruvic Acid; Radioactivity
METACARPUSS
 —skeletal changes in severe phosphorus deficiency of the rat. I. Tibia, metacarpal bone, costochondral junction, caudal vertebrae (ab), R. D. Coleman, et al, July, 143
METASTASES. See Cancer; Bones, cancer; Lungs, cancer; Lymph Nodes; Neuroblastoma
METATARSUS. See Foot
METRORRHAGIA. See Menopause
MEYER, ANDRÉ, MONOD, OLIVIER, NICO, J. P., and CHRÉTIEN, J.: Hemoptysis due to elimination, by way of a bronchus, of an osseous fragment in the course of osteomyelitis of the first rib (ab), Dec., 914
 de **MEYER, GONZAGUE, and SARASIN, PHILIBERT:** Case of Marie's hypertrophic pulmonary osteoarthropathy associated with a biliary cirrhosis (ab), Oct., 611
MEYER, KARL A. See STEIN, I. F., Jr.
MEYERDING, HENRY W., and JACKSON, ALFRED E.: Benign giant-cell tumors. Report of 7 cases in which the bones of the hands and feet were involved (ab), July, 141
MEYERS, A.: Concerning the risks and responsibilities in the use of iodine compounds in radiodiagnosis, from the point of view of the radiologist (ab), Aug., 294
MICRORADIOGRAPHY
 —application to the study of the vascular anatomy of certain organs of the rabbit, Wallace S. Tirman, Charles E. Taylor, Harry W. Bunker, and Truman E. Taylor, July, 70
 —properties of fine-grained photographic emulsions used for microradiography (ab), A. Engström and B. Lindström, Dec., 916
MIDDLETON, WILLIAM S. See ALBRIGHT, EDWIN C.
- MIGNOLI, E., and COCCHI, U.:** X-ray diagnosis and radiation therapy of osteoclastoma (benign solitary giant-cell tumor of the bones). Zürich experiences 1920-1949 (ab), Sept., 458
MILANES, BERNARDO, PEREZ STABLES, ELISEO, and LASTRA, JOSE S.: Observation on chronic obstruction of the abdominal aorta. Leriche's syndrome (ab), Oct., 615
MILKEY, GUSTAVE. See BRASON, FREDERICK W.
MILLER, A. J. See AKMAN, L. C.
MILLER, ALDEN H.: Management of aspirated straight pins in the bronchi utilizing the stereoscopic fluoroscope (ab), Nov., 774
MILLER, EARL R., DAILEY, MORRIS E., HOLMES, A. V., ALEXANDER, GEORGE L., and SHELINE, GLENN E.: Studies with radioiodine. I. Function and rate of ^{131}I uptake of thyroid, July, 37
 —DAILEY, MORRIS E., SOLEY, MAYO H., FOREMAN, NADINE, HOLMES, A. V., ALEXANDER, GEORGE L., and SHELINE, GLENN E.: Studies with radioiodine. II. Treatment of patients with hyperthyroidism by ^{131}I , Aug., 227
 —and SHELINE, GLENN E.: Studies with radioiodine. III. Problem of dosage in the treatment of hyperthyroidism, Nov., 720
MILLER, ELIZA. See ESCHENBRENNER, ALLEN B.
MILLER, GEORGE, BECKER, IRVING M., and TAYLOR, HENRY K.: Auricular calcification (ab), July, 132
MILLER, J. E.: Anatomy of the heart and great vessels: angiocardio-graphic study (ab), Dec., 903
MILLER, THEODORE R. See PACK, GEORGE T.
MILLER, WINSTON R. See HEDIN, RAYMOND F.
MINDELL, EUGENE R., and SHERMAN, MARY S.: Late results in Legg-Perthes disease (ab), Dec., 913
MINDER, W. See MEISTER, A.
MINERAL OIL. See Petroleum
MINOWITZ, W. See LOEVINGER, R.
MITCHELL, JACK H., JR., SKIPPER, HOWARD E., and BENNETT, LEONARD L., Jr.: Investigation of the nucleic acids of viscera and tumor tissue from animals injected with radioactive 8-azaguanine (ab), Aug., 301
 —See BENNETT, LEONARD L., Jr.
MITRAL VALVE
 —recent advances in radiologic examination of cases of mitral cardiopathy (ab), R. Heim de Balsac, Sept., 452
MIXED TUMORS. See Tumors, mixed
MOBERG, ERIK: Natural course of osteoid osteoma (ab), Dec., 911
MÖLLER, P. FLEMMING: Value of roentgen examination in the diagnosis of bronchogenic cancer (ab), Sept., 448
MOFFATT, THOMAS W. See BARNES, SETH S.
MOHNEY, JOHN B. See HURSH, JOHN B.
MOLOY, HOWARD C., and STEER, CHARLES M.: New method of quantitative estimation of cephalopelvic disproportion (ab), Oct., 615
MONACELLI, CARL J. See WUEHRMANN, ARTHUR H.
MONOD, OLIVIER. See MEYER, ANDRÉ
MONONUCLEOSIS, INFECTIOUS
 —roentgen aspect (ab), Julian Arendt, Nov., 784
MONROE, STANLEY E. See FRASER, CHARLES G.
MOORE, GEORGE E., and BRIDENBAUGH, RICHARD B.: Portal venography (ab), Oct., 616
 Roentgen demonstration of the venous circulation in the liver: portal venography, Nov., 685
MOORE, MOORE, JR., and CLARKE, CHARLES L.: Extreme calcinosis interstitialis (ab), Sept., 462
MOORE, RALPH C.: Cerebral arteriography in general hospital practice, Oct., 487
 —See SIMMONS, EUGENE E.
MOORE, WILLIAM R. See MAGUIRE, CHARLES H.
MOPPER, COLEMAN, and ROGIN, JAMES R.: Benign solitary lymphocytoma. Report of three cases (ab), Dec., 919
MORFIT, H. MASON. See MARTIN, HAYES
MORGAN, J. E. See CHAPMAN, W. H.
MORGAN, RUSSELL H.: Pituitary tumors. Progress of medical science (ab), Oct., 590
 —and STURM, RALPH E.: The Johns Hopkins fluoroscopic screen intensifier, Oct., 556
MORGAN, ZACHARIAH. See FELDMAN, MAURICE
MORRIS, ARTHUR A., and FULCHER, O. HUGH: Carotid angiography: its value in premalignant intracranial conditions (ab), Nov., 763
MORRIS, HAROLD P., WEISBURGER, JOHN H., and WEISBURGER, ELIZABETH K.: Distribution of radioactivity following the feeding of carbon-14-labeled 2-acetylaminofluorene to rats (ab), Aug., 281
MORRISON, G. M., and COUGHLIN, EDWARD J., Jr.: Ski injuries (ab), Oct., 613
 —HAWES, L. E., and SACCO, J. J.: Incomplete removal of osteoid-osteoma (ab), Aug., 288
MORSE, WILLIAM L., 2nd: Single cell autographs of bone marrow and blood from rats using radioactive phosphorus (ab), Oct., 626
MORTON, JOSEPH L.: Diagnosis and treatment of lymphoblastoma and leukemia from the standpoint of the radiologist (ab), Nov., 787
 —See BARNES, ALLAN C.
MORVAY, E.: Osteoporosis and diffuse plasmacytosis (ab), Nov., 781

- MOSES, CAMPBELL.** See BOATMAN, JOSEPH B.
MOSKOVITZ, ABRAHAM J. See COUGHLIN, EDWARD J., Jr.
- MOSSBERG, HARRY:** Platelet values in personnel engaged in roentgen diagnostic work (ab), Aug., 301
- MOSSBERGER, JOSEPH I.:** Infantile cortical hyperostosis. Report of a case with observations at autopsy (ab), Sept., 460
- MOUTH**
—studies on effect of radioactive colloidal gold on development of oral structures of the mouse (ab), M. S. Burstone, Oct., 626
- MOYER, JOHN H., and ACKERMAN, ALFRED J.:** Bronchogenic carcinoma as a differential diagnostic problem in pulmonary disease. I. Carcinoma arising from major bronchi uncomplicated by secondary infection (ab), Dec., 898
- MUCOR MYCOSIS.** See Lungs, mycosis
- MÜLLER'S DUCT**
—cysts (ab), Frederick A. Lloyd and Dovell Bonnett, Nov., 783
- MUNOZ, CARMEN M.** See von SALLMAN, LUDWIG
- MUNTEAN, EUGEN:** Contribution of roentgen tomography to the demonstration of bronchial carcinoma (ab), July, 126
- and AMON, RUDOLF: Simultaneous occurrence of pulmonary tuberculosis and cancer (ab), July, 127
- MURPHY, J. D., and BORNSTEIN, S.:** Mucor-mycosis of the lung (ab), July, 128
- MUSCLES**
—circulatory transfer of P^{32} to skeletal muscles under various experimental conditions (ab), D. L. Gilbert, et al., Nov., 791
- effect of adrenalectomy and DCA on the radioisotope intramuscular clearance and distribution in the rat (ab), Frederick R. Franke, et al., Dec., 923
- ureteral calculus in relation to border of psoas muscle (ab), Bela Gondos, Aug., 293
- use of radioactive iodine, radioactive phosphorus, and radioactive sodium in the determination of cerebral and muscle clearance (ab), Joseph B. Boatman, et al., July, 152
- MUSSEY, ROBERT D.** See GILLESPIE, JAMES B.
- MUTH, J.** See SCHWARZ, J.
- MYELOGRAPHY.** See Spinal Canal Roentgenography; Spine
- MYELOMA.** See Bones, marrow; Tumors, myeloma
- MYERS, LEONARD.** See YARDUMIAN, KRIKOR
- MYOCARDIUM.** See Aneurysm, cardiac
- N
- NAFFZIGER, HOWARD C.** See BOLDREY, EDWIN
- NAILS**
—primary carcinoma of nail (ab), Lyle W. Russell, Oct., 613
- NARDELL, SYDNEY G.:** Ollier's disease: dyschondroplasia (ab), Aug., 287
- NASLUND, AMES W.** See HERMANN, HAROLD W.
- NASOPHARYNX**
—malignant tumor: an overlooked condition (ab), Harold L. Hickey, July, 785
- treatment of malignant tumors (ab), Simon Kramer, Oct., 618
- NATARO, MAURICE, SHAPIRO, DAVID, and GORDON, ARMOND, T.:** Acute primary Klebsiella pneumonia (ab), Oct., 599
- NAVICULAR BONE.** See Scaphoid Bone, Carpal
- NEAL, M., PINSON, HORTON, CHARLES E., and DIETRICH, KARL D.:** Carcinosarcoma of the uterus, with report of case (ab), July, 149
- NECK**
—value of soft-tissue technic in diagnosis and treatment of head and neck tumors, Gilbert H. Fletcher and Karol E. Matzinger, Sept., 305
- NECROSIS.** See Fingers and Toes; Lymphoid Tissue; Radiations, injurious effects
- NEEL, JAMES V.** See RIECKER, HERMAN H.
- NERÉS**
—growth and development of Negro infants: relation of birth weight, body length and epiphyseal maturation to economic status (ab), Althea Kessler and Roland B. Scott, Aug., 291
- NELSON, JOHN M.** See SAWYER, KENNETH C.
- NEMIR, ROSA L., HEYMAN, ARTHUR, GORVOY, J. D., and ERVIN, EDMUND, N.:** Pulmonary infiltration and blood eosinophilia in children (Loeffler's syndrome). A review with report of eight cases (ab), Nov., 773
- NEO-IOPAX.** See Iodine and Iodine Compounds
- NERVES**
—cerebellopontine angle tumors: their roentgenologic manifestations, Philip J. Hodes, Eugene P. Pendergrass, and John M. Dennis, Sept., 395
- effect of lymphoid necrosis due to nitrogen mustard and roentgen irradiation on neuromuscular function of hypophysectomized animals (ab), Clara Torda and Harold G. Wolff, Oct., 628
- encephalotrigeminal angiomas (Sturge-Weber syndrome), with particular reference to roentgen aspects before and after neurosurgery (ab), John R. Green, et al., Aug., 273
- measurement of volume of dog's heart by x-ray: effect of hemorrhage, of epinephrine infusion, and of buffer nerve section (ab), W. F. Hamilton, Jr., et al., Sept., 453
- roentgen demonstration of facial nerve canal (ab), Marvin J. Tamari and Arthur Loewy, Nov., 766
- NERVOUS SYSTEM**
—neuroblastoma sympatheticum with metastases: case with apparent recovery (ab), David Goldring, Dec., 918
- protrusions of intervertebral disks: study of their distribution, characteristics and effects on nervous system (ab), J. C. Haley and J. H. Perry, Aug., 290
- NEUHAUSER, EDWARD B. D.** See GROSS, ROBERT E.
- NEUROBLASTOMA.** See Tumors, neuroblastoma
- NEUROFIBROMATOSIS**
—clinical manifestations of congenital neurofibromatosis (ab) H. Relton MacCarroll, Sept., 462
- NEUROFIBROSARCOMA.** See Sarcoma, neurofibrosarcoma
- NEUROSURGERY**
—cerebral angiography in neurosurgery. I. Angiographic appearances in cerebral tumors. II. Angiographic appearances in intracranial aneurysms (ab), J. L. Dowling, July, 124
- NEVI.** See Tumors, angioma
- NEWMAN, HARRY R.:** Congenital polycystic kidney disease (ab), Aug., 293
- NICHOLS, RUSSELL L.** See HODGES, PAUL C.
- NICHOLSON, HOWARD:** Suppurative pneumonia (ab), Oct., 598
- NICO, J. P.** See MEYER, ANDRÉ
- NIPPLE-TEST.** See Estrogens
- NISSEN, R.** See TARLOV, I. M.
- NITROGEN MUSTARD.**
See also Hodgkin's Disease; Lungs, cancer
—effect of lymphoid necrosis due to nitrogen mustard and roentgen irradiation on neuromuscular function of hypophysectomized animals (ab), Clara Torda and Harold G. Wolff, Oct., 628
- NOKES, JOHN M.** See THORNTON, WILLIAM N., Jr.
- NOOJIN, RAY O., and PRAYTOR, HUGH B.:** Hyaluronidase action in normal and in roentgen irradiated rabbit skin (ab), Dec., 926
- NORDENSTRÖM-BLOMQVIST, BJÖRN E. W.:** An attempt of excreting injected thorotrast in rabbits by 2,3-dimer-captopropanol (BAL) (ab), Nov., 795
- NOSE**
—olfactory esthesioneuro-epitheliomas, William B. Seaman, Oct., 541
- NUCLEINS**
—investigation of nucleic acids of viscera and tumor tissue from animals injected with radioactive 8-azaguanine (ab), Jack H. Mitchell, Jr., et al., Aug., 301
- NUNEMAKER, JOHN C., and HARTMAN, SEYMOUR A.:** Psoriatic arthritis (ab), Sept., 460
- O
- OBITUARIES**
Farías, Pedro L., July, 110
Helper, Morton, Aug., 258
McCandless, Oliver Howard, Aug., 257
McNamee, Edgar P., Sept., 433
Schreiner, Bernard F., July, 112
Sutherland, Charles G., July, 111
Taft, Robert Burbidge, July, 108
- ØDEGAARD, HAAKON.** See LANGE, JEAN
- OGDEN, ANDREW E.:** Pyloric obstruction by a cholelith. Report of a case (ab), Oct., 608
- O'HARE, JAMES E.** See FRASER, CHARLES G.
- OLIVA, L.** See MACARINI, N.
- OLLIER'S DISEASE.** See Dyschondroplasia
- OLMSTEAD, EDWIN G.** See MADDEN, WALLACE C.
- OLNEY, MARY B., and STEPHENS, H. BRODIE:** Coarctation of the aorta in children. Observations in fourteen children (ab), Aug., 281
- OLSSON, OLLE:** Antihistaminic drugs for inhibiting untoward reactions to injections of contrast medium (ab), Dec., 917
- Tolerance of cerebral blood vessels to contrast media of the diodrast group in animal experiments and in man (ab), Oct., 588
- OLSSON, STEN-ERIK.** See KJELLBERG, SVEN R.
- OOSTERKAMP, W. J.:** Dose measurements on contact-therapy tubes (ab), July, 149
- OOSTHUIZEN, S. F.** See TAHAN, R. J.
- ORDWAY, NELSON K., LEVY, LOUIS, II, HYMAN, ALBERT L., and BAGNETTO, RICHARD L.:** Pulmonary stenosis with patent foramen ovale (ab), July, 130
- ORLANDINI, IVO:** Radiographic-anatomic study of vascular abnormalities in pathologic kidneys (ab), Dec., 915
- OSBORNE, JAMES W.** See QUASTLER, HENRY
- OSGOOD, EDWIN E., and TIVEY, HAROLD:** Biological half-life of radioactive phosphorus in the blood of patients with leukemia. II. Plasma—with deviations of observations from predicted values and an estimate of total-phosphorus turnover rate. IV. Leukocytes—radioactive phosphorus content and the relation to plasma- P^{32} levels (ab), Oct., 625
- See TIVEY, HAROLD
- OSLER'S DISEASE.** See Telangiectasis
- OSSIFICATION.** See Spine
- OSTEITIS**
—changes in sacroiliac joints in morbus Bechterew and osteitis condensans (ab), Folke Knutsson, July, 142

- OSTEITIS**—*cont.*
 —osteitis condensans illi; further experience in management (ab), Frank L. Shipp and G. Edmund Haggart, Sept., 467
fibrosa
 —adult renal osteitis fibrosa with metastatic calcification and hyperplasia of one parathyroid gland; case (ab), E. Arthur Dreskin and Theodore A. Fox, Aug., 286
 —long standing renal insufficiency with extensive metastatic calcifications (renal osteitis fibrosa cystica); case (ab), R. T. Levin and P. D. Genovese, Aug., 287
 —osteitis fibrosa cystica localisata of skull (ab), John Paget, et al., July, 125
- OSTEOARTHROPATHY**
 —Marie's hypothyroid pulmonary osteoarthropathy associated with a biliary cirrhosis; case (ab), Gonzagut de Meyer and Philibert Sarasin, Oct., 611
- OSTEOCHONDRITIS deformans juvenilis**
 —late results in Legg-Perthes disease (ab), Eugene R. Mindell and Mary S. Sherman, Dec., 913
 —Legg-Perthes disease. Method for measurement of roentgenographic result (ab), Clarence H. Heyman and Charles H. Herndon, Sept., 466
- dissecans**
 —affecting several joints; 2 cases (ab), B. M. Hay, July, 140
 —of elbow joint; clinical study (ab), Norman Roberts and Rowland Hughes, July, 140
 —of head of ulna (ab), Johannes Thoms, Aug., 291
- OSTEOCLASTOMA**. See Tumors, giant-cell
- OSTEOGENESIS**. See Spine
- OSTEOGENESIS IMPERFECTA**. See Bones
- OSTEOMA**. See Tumors, osteoma
- OSTEOMALACIA**
 —acantholytic manifestations (ab), Hellmuth Kleinsorge, Sept., 459
- OSTEOMYELITIS**. See Ribs; Spine
- OSTEOPOROSIS**. See Bones
- OSTEOSCLEROSIS**
 —melorheostosis; case (ab), Maria Koulomies, Nov., 781
 —melorheostosis Léri; review of literature and report of case (ab), Milton B. Spiegel and G. H. Koiransky, Oct., 610
- O'SULLIVAN, WARD D.** See CHILD, CHARLES G., III
 See DOTTER, CHARLES T.
- OVARY**
 —do children born of offspring of mothers irradiated for sterility show abnormal genetic effects? (ab), Ira I. Kaplan, Nov., 792
 —end-results in treatment of carcinoma with surgery and deep x-ray irradiation, Herbert E. Schmitz and Joseph T. Majewski, Dec., 820
 —influence of ovarian function on incidence of radiation-induced ovarian tumors in mice (ab), Henry S. Kaplan, Aug., 302
 —question of genetic injury following x-ray irradiation of ovaries in treatment of sterility (ab), Ira I. Kaplan, Aug., 298
- OVERHOLT, RICHARD H.**: Cancer detected in surveys (ab), Oct., 595
- OVERMAN, R. R.** See STERN, THOMAS N.
- P**
- PACHYPERIOSTOSIS**. See Periosteum
- PACK, GEORGE T.** and **ARIEL, IRVING M.**: Synovial sarcoma (malignant synovioma) (ab), Nov., 782
 See McCARTHY, WILLIAM D.
- and MILLER, THEODORE R.**: Combined radiation therapy and surgical treatment of technically inoperable cancer, Oct., 529
- PAGET, JOHN**, **FRICKER, GEOFFREY**, and **VER BRUGGHEN, ADRIEN**: Osteitis fibrosa cystica localisata of the skull (ab), July, 125
- PAILLARD, R.** See JADASSOHN, W.
- PALCHANIS, WILLIAM**. See PRIOR, JOHN A.
- PALETZ, BERNARD E.** and **SEWELL, GEORGE**: Renal angioma: suspected bilateral involvement (ab), Dec., 920
- PALMER, THOMAS H.**: Aneurysms of the splenic artery (ab), Nov., 784
- PALMER, WALTER L.**, **KIRSNER, JOSEPH B.** and **LEVIN, IRWIN**: Treatment of intractable peptic ulcer (ab), Aug., 283
 See KIRSNER, JOSEPH B.
- PANCREAS**
 —aberrant pancreas (ab), Lennart Kjellman, Aug., 283
 —aberrant pancreatic tissue in gastric antrum; roentgen study (ab), Mario Camplani, Aug., 283
 —enlarged pancreas (ab), Mark M. Ravitch and Alan C. Woods, Jr., Nov., 780
 —direct radiographic visualization (ab), N. Macarini and L. Oliva, Dec., 900
 —mediastinal pseudocyst of pancreas; case report and discussion (ab), Philip Edlin, Dec., 909
 —cancer
 —radiologic appearances (ab), F. Pygott, Oct., 607
- PANCREATIC DUCT**
 —filling during cholangiography: its effect upon serum amylase levels (ab), Carter W. Howell and George S. Bergh, Sept., 457
- PANTOPAQUE**. See Spinal Canal Roentgenography
- PAPILLON, J.** See SANTY, P.
- PARAFFINOMA**. See Petroleum
- PARAPLEGIA**
 —frequent occurrence of parosteal new bone formation in transverse paraplegia (ab), H. Lüdke, Sept., 462
 —urethral diverticula in paraplegics (ab), Virgil A. Pate, Jr., and R. Carl Bunts, Dec., 915
- PARATHYROID**
 —adult renal osteitis fibrosa with metastatic calcification and hyperplasia of one parathyroid gland; case (ab), E. Arthur Dreskin and Theodore A. Fox, Aug., 286
 —idiopathic hypoparathyroidism; case (ab), Arthur Jordan and A. R. Kelsall, Dec., 898
 —long standing renal insufficiency with extensive metastatic calcifications (renal osteitis fibrosa cystica); case (ab), R. T. Levin and P. D. Genovese, Aug., 287
- PARKER, JAMES E.** Jr. See PIRKEY, EVERETT L.
- PARKS, GEORGE H.** See DIAMOND, HENRY D.
- PARKS, RAYMOND E.**: Radiographic diagnosis of perinephric abscess (ab), Sept., 469
- PAROTID GLAND**
 —“single-portal-massive-dose” x-ray therapy technic for certain upper respiratory tract, parotid gland, and recurrent breast cancers, Milton Friedman and Lawrence A. Davis, Dec., 797
- PARSON, WILLIAM**. See CRISPELL, KENNETH R.
- PARTURITION**. See Labor
- PASTORE, PETER N.**, **SAHYOUN, PHILIP F.**, and **MANDEVILLE, FREDERICK B.**: Rhabdomyosarcoma of the maxillary antrum. Seven year survival following surgical resection and radiation therapy (ab), Aug., 294
- PATE, VIRGIL A., Jr.** and **BUNTS, R. CARL**: Urethral diverticula in paraplegics (ab), Dec., 915
- PATT, HARVEY M.**, **SMITH, DOUGLAS E.**, and **JACKSON, EUGENIA**: Effect of cysteine on the peripheral blood of the irradiated rat (ab), July, 134
- PATTI, F.** See BONET-MAURY, A.
- PAYNE, MARY A.** See CHILD, CHARLES G., III
 See DOTTER, CHARLES T.
- PEABODY, J.**, **WINTHROP, PEABODY, J.**, **WINTHROP, JR.**, **HAYES, E. W.**, and **HAYES, E. W., Jr.**: Idiopathic pulmonary fibrosis: its occurrence in identical twin sisters (ab), Sept., 447
- PEABODY, J.**, **WINTHROP, JR.** See PEABODY, J. WINTHROP
- PEARL, A.**, **BETHARD, W. F.**, and **JACOBSON, L. O.**: A lucite syringe shield for protection against irradiation during intravenous administration of beta-emitting radioisotopes (ab), Oct., 627
- PEARL, FELIX, GRAY, NORMAN**, and **FRIEDMAN, BRUCE**: Retrograde aortography with a special catheter, including demonstration of the coronary arteries (ab), Oct., 616
- PEARSON, RAYMOND**. See BRUCE, ROBERT A.
- PECHSTEIN, GEORGE R.** See WINHAM, ARTHUR J.
- PECTUS EXCAVATUM**. See Thorax
- PEDERSEN, ROBERT L.** See ATWELL, ROBERT J.
- PEIRCE, CARLETON B.** See FRASER, ROBERT G.
- PELVIS**
 —fictitious pelvic mass, Samuel L. Beranbaum, Oct., 554
 —value of cross-section diagrams in delivering accurate x-ray therapy into the female pelvis, Jessih Love, G. N. Combs, W. A. Askew, and M. Harcourt, Aug., 169
- measurement**
 —clinical evaluation of x-ray pelvimetry: study of 1,000 patients in private practice (ab), Isadore Dyer, July, 144
 —geometrics of pelvic outlet (ab), H. C. H. Bell, Dec., 914
 —new method of quantitative estimation of cephalopelvic disproportion (ab), Howard C. Moloy and Charles M. Steer, Oct., 613
 —pelvic dimensions in eutocia and dystocia, Paul C. Hodges and Russell L. Nichols, Nov., 661
- PENDERGRASS, EUGENE P.**: Roentgen diagnosis of silicosis (ab), Sept., 447
- See HODGES, PHILIP J.
- PENDERGRASS, WILLIAM J.** See STEWART, CALVIN B.
- PENICILLIN**. See Spine, osteomyelitis
- PEPTIC ULCER**
 —benign ulcer of greater curvature; case (ab), Sidney M. Fierst, et al., July, 135
 —clinical and roentgen observations of a newly perforated peptic ulcer, Arthur J. Winham and George R. Pechstein, Oct., 551
 —existence of duodenal ulcer with independent gastric carcinoma (ab), Harry J. Epstein and Theodore H. Mendell, Oct., 605
 —duodenal ulcers simulating prepyloric lesions (ab), Alice Ettinger, Sept., 454
 —incidence of malignancy in gastric ulcers believed pre-operatively to be benign (ab), Elmer G. Lampert, et al., Nov., 778
 —perforated gastric ulcer in newborn infant (ab), Lydia T. Wright and Beatrice E. Scott, Nov., 778
 —perforation of duodenal ulcer during fluoroscopy: disposition of barium sulfate in abdominal cavity, Robert S. Hayden, Aug., 214
 —treatment of intractable ulcer (ab), Walter L. Palmer, et al., Aug., 283
 —ulcers of posterior gastric wall (ab), Enrico Benassi, Sept., 453
- PERABRODIL**. See Fallopian Tubes
- PEREZ CASTRO, ENRIQUE**: Diagnostic value of lacunar cistography (ab), Aug., 293

- PEREZ STABLES, ELISEO.** See MILANES, BERNARDO
- PERIARTERITIS NODOSA**
- pulmonary cavitation due to polyarteritis (ab), Benjamin P. Sandler, et al., Oct., 600
- PERICARDIUM**
- celomic cysts: presentation of 5 new cases and 5 similar cases illustrating difficulty of diagnosis, John C. Bates and Frank V. Leaver, Sept., 330
 - cysts (ab), Wallis L. Craddock, Oct., 603
 - effusion mistaken for cardiac enlargement in severe anemia; 2 cases (ab), Louis A. Soloff and C. T. Bello, July, 133
 - Hodgkin's granuloma with pericardial effusion; unusual case of Hodgkin's disease presenting initially the signs and symptoms of pericarditis with effusion (ab), James A. Hagans, Oct., 603
 - non-specific benign pericarditis (ab), William B. Porter, et al., Oct., 603
 - roentgen diagnosis of effusion, with special reference to appearance of barium-filled esophagus and the cardiohepatic angle, George Levene and Seymour A. Kaufman, Sept., 373
 - roentgen manifestations of pericardial thickening (ab), R. Haubrich and P. Thurn, Nov., 777
- PERINEPHRITIS.** See Abscess, perinephric
- PERIOSTEUM**
- new familial case of cutis gyrata with pachyperiostosis of extremities, verified anatomically (ab), A. Franceschetti, et al., Nov., 782
 - traumatic periostitis in young children (ab), George H. Barmeye, et al., Dec., 912
- PERITONEOSCOPY.** See Biliary Tract
- PERITONEUM**
- See also Pneumoperitoneum
 - congenital obstruction of transverse colon (congenital malformation of peritoneum), Nathaniel Safran and Avrom M. Greenberg, Nov., 738
 - meconium peritonitis (ab), Charles H. Maguire and William R. Moore, Aug., 285
- PERLEY, ANNE M.** See FORBES, GILBERT B.
- PEROTTI, FRANCO:** Benign gastric tumors (ab), Oct., 605
- PERRY, J. H.** See HALEY, J. C.
- PERTUSSIS.** See Whooping Cough
- PETERS, M. V.** See MacFARLAND, M. L.
- PETERSEN, OLAF.** See KAAE, SIGWARD
- PETROLATUM**
- pulmonary paraffinoma (lipoid pneumonia): a critical study (ab), Ralph Berg, Jr. and Thomas H. Burford, Aug., 279
 - subclinical mineral oil pneumonia (ab), Louis Schneider, Dec., 900
- PETROUS BONE.** See Temporal Bone
- PHALANGES.** See Fingers and Toes
- PHARYNX**
- carcinoma of hypopharynx: clinical study of 322 cases, treated at Radiumhemmet, from 1939 to 1947 (ab), Folke Jacobsson, Dec., 917
 - lateral diverticula as a cause of dysphagia (ab), Jacob Buckstein and Stanley Reich, Nov., 767
- PHILLIPS, W. L.:** Lung abscess (ab), Aug., 277
- PHLEBITIS.** See Extremities
- PHOSPHATASE**
- effect of x-ray irradiation on alkaline phosphatase of plasma and tissues of rats (ab), Stephan Ludewig and Alfred Chanutin, Nov., 795
- PHOSPHORUS AND PHOSPHORUS COMPOUNDS**
- skeletal changes in severe phosphorus deficiency of the rat. I. Tibia, metacarpal bone, costochondral junction, caudal vertebra (ab), R. D. Coleman, et al., July, 143
 - radioactive. See Hodgkin's Disease; Leukemia; Radioactivity
- PHOTOGRAPHIC EMULSIONS**
- properties of fine-grained photographic emulsions used for microradiography (ab), A. Engström and B. Lindström, Dec., 916
- PICARD, W. H., JR.** See GARLAND, L. H.
- PICKER, JAMES:** grants and fellowships in radiological research, Dec., 888
- PIDONE, G.** See CONDORELLI, L.
- PINEAL GLAND**
- treatment of tumors of pineal body; experience in series of 22 cases (ab), Gilbert Horrax, July, 148
- PINSONNEAULT, GERMAIN:** Rectal tumors of doubtful malignancy. A personal observation (ab), Nov., 786
- PIRKEY, EVERETT L., PARKER, JAMES E., JR., AND SHOCK, FRANK W.:** Color as a teaching aid for diagnostic roentgenology, July, 81
- PITUITARY BODY**
- effect of lymphoid necrosis due to nitrogen mustard and roentgen irradiation on neuromuscular function of hypophysectomized animals (ab), Clara Torda and Harold G. Wolf, Oct., 628
 - shortening of the posterior wall of the sella turcica caused by dilatation of the third ventricle or certain suprasellar tumors (ab), Bernard S. Epstein, Dec., 897
 - tumors: progress of medical science (ab), Russell H. Morgan, Oct., 590
- PITUITARY PREPARATIONS**
- treatment of radiation sickness with ACTH; preliminary report of 14 cases, Kenneth W. Taber, Nov., 702
 - use of ACTH and cortisone in treatment of post-irradiation pulmonary reaction, Stuart W. Cosgriff and Morton M. Kligerman, Oct., 536
- PLACENTA**
- method of locating placenta in intact human uterus by means of radioactive sodium (ab), J. C. McClure Browne and N. Veall, July, 144
 - placental barrier in carbon monoxide, barbiturate and radium poisoning: some original observations in humans (ab), Harrison S. Martland and Harrison S. Martland, Jr., July, 154
- PLANIGRAPHY.** See Body Section Roentgenography
- PLASMA.** See Blood; Leukemia
- PLASMACYTOMA.** See Tumors, myeloma
- PLASMOCYTOSIS.** See Bones, marrow
- PLEURA**
- endothelioma (mesothelioma); review with report of 7 cases, 4 of which were extirpated surgically (ab), Lew A. Hochberg, Dec., 901
 - interlobar pleurisy in a cardiac patient (ab), J. Reboul and P. L. Martin, Dec., 902
 - solitary (localized) mesothelioma (ab), Arthur P. Stout and George M. Himadi, Dec., 902
 - study of 200 cases of tuberculous pleurisy with effusion (ab), John C. Sibley, Aug., 276
- PNEUMARTHROGRAPHY.** See Joints
- PNEUMOCOONIOSIS**
- in Queensland foundries (ab), Douglas Gordon, July, 128
 - occupational factors in pulmonary dust disease (ab), Gordon C. Smith, Oct., 599
 - roentgen diagnosis of silicosis (ab), Eugene P. Pendergrass, Sept., 447
 - silicosis in a large foundry (ab), E. Bertschi and E. Stiebel, Sept., 448
 - stannic oxide pneumoconiosis (ab), Carroll C. Dundon and James P. Hughes, Aug., 279
- PNEUROENCEPHALOGRAPHY.** See Brain
- PNEUMOMEDIASTINUM.** See Emphysema
- PNEUMONECTOMY.** See Bronchi, cancer
- PNEUMONIA**
- acute primary Klebsiella pneumonia (ab), Maurice Nataro, et al., Oct., 599
 - chronic primary Friedländer pneumonia; case with prompt clinical and roentgen cure following streptomycin therapy (ab), John L. Switzer, et al., July, 129
 - differentiation of congenital cysts of the lung and those following staphylococcal pneumonia (ab), Willis J. Potts and William L. Riker, Sept., 445
 - middle lobe syndrome (ab), Fred R. Harper, et al., Sept., 445
 - non-bacterial pneumonias (ab), Jerome T. Syverton, Oct., 597
 - non-specific pneumonitis of the left upper lobe (simulating the "middle lobe syndrome" and producing an early superior pulmonary sulcus syndrome); case (ab), William M. Ashe, et al., Dec., 900
 - primary atypical pneumonia; clinical variations (ab), William S. Jordan, Jr., et al., Nov., 770
 - pulmonary paraffinoma (lipoid pneumonia): a critical study (ab), Ralph Berg, Jr. and Thomas H. Burford, Aug., 279
 - subclinical mineral oil pneumonia (ab), Louis Schneider, Dec., 900
 - suppurative pneumonia (ab), Howard Nicholson, Oct., 598
 - treatment of primary atypical pneumonia in children with aureomycin; 19 cases (ab), Charles E. Anderson, Jr., Sept., 445
- PNEUMOPERITONEUM**
- idiopathic pneumoperitoneum: review of literature and report of 1 case (ab), R. W. Ayres, et al., Sept., 457
 - in differential diagnosis of diaphragmatic hernia (ab), Richard C. Clay and C. Rollins Hanlon, Dec., 909
 - right-sided spontaneous pneumothorax complicating therapeutic pneumoperitoneum (ab), Joseph Ross and Jason E. Farber, Nov., 772
- PNEUMOTHORAX**
- See also Tuberculosis, Pulmonary
 - bilateral spontaneous pneumothorax (ab), Nils Frostberg, Aug., 279
 - pneumomediastinum, subcutaneous emphysema, and pneumothorax lenta in newborn infant; fatal case (ab), John A. Ripp, Nov., 773
 - right-sided spontaneous pneumothorax complicating therapeutic pneumoperitoneum (ab), Joseph Ross and Jason E. Farber, Nov., 772
 - spontaneous pneumothorax: contrast of the benign idiopathic and the tuberculous types (ab), Bernard Hyde and LeRoy Hyde, Nov., 771
- POHL, ERNST A.** See FRANK, RALPH C.
- POLIOMYELITIS**
- pulmonary complications of acute bulbar poliomyelitis, George Jacobson, Seymour R. Cohen, and Ray A. Carter, Nov., 629
- POLYARTERITIS.** See Periarteritis Nodosa
- POLYCYTHEMIA**
- blood volume in polycythemia as determined by P^{32} labeled red blood cells (ab), Nathaniel I. Berlin, et al., Nov., 791
 - leukemia, polycythemia and related diseases (ab), Claude-Starr Wright, Nov., 787
- POLYPI.** See Tumors, polypi
- PONSETI, IGNACIO V., AND FRIEDMAN, BARRY:** Changes in the scoliotic spine after fusion (ab), Sept., 464
- PONTOCOCAINE.** See Bronchi, roentgenography
- POOL, JOHN L.** See CAHAN, WILLIAM G.

- POOLE, CHARLES S.** See **MARSHAK, RICHARD H.**
- POPPEN, JAMES L.**: Specific treatment of intracranial aneurysms. Experiences with 143 surgically treated patients (ab), Nov., 763
- PORTAL VEIN**
- catheterization of portal vein in man following porto-caval anastomosis (ab), Charles T. Dotter, et al., July, 147
 - portal venography (ab), George E. Moore and Richard B. Bridenbaugh, Oct., 616
 - portal venography; preliminary report, Charles G. Child, III, Ward D. O'Sullivan, Mary Ann Payne, and Roy D. McClure, Jr., Nov., 691
 - roentgen demonstration of venous circulation in liver: portal venography, George E. Moore and Richard B. Bridenbaugh, Nov., 685
- PORTER, H. K., DUGGAN, A. R. H., BRAY, S. D., and FORD, R. S.**: Cancer of the cervix uteri: Sydney hospital figures for fifteen, ten and five year periods from 1929 to 1943 (ab), July, 148
- PORTER, RENO R.** See **PORTER, WILLIAM B.**
- PORTER, WILLIAM B., CLARK, OSCAR, and PORTER, RENO R.**: Nonspecific benign pericarditis (ab), Oct., 603
- POSEY, E. LEONARD, Jr., and BARGEN, J. ARNOLD**: Observations of normal and abnormal human intestinal motor function (ab), Dec., 906
- POTTS, A. M.** See **SHIPLEY, R. A.**
- POTTS, WILLIS J., and RIKER, WILLIAM L.**: Differentiation of congenital cysts of the lung and those following staphylococcal pneumonia (ab), Sept., 445
- POWER, MARSCHELLE H.** See **KEATING, F. RAYMOND Jr.**
- PRANDONI, ANDREW.** See **HARRIS, RAYMOND**
- PRATHER, GEORGE C.**: Differential diagnosis between renal tumor and renal cyst (ab), July, 146
- PRAYTOR, HUGH B.** See **NOOJIN, RAY O.**
- PREC, O.** See **HWANG, W.**
- PREGNANCY**
- See also **Labor**; **Pelvis**; **Placenta**
 - cholecystitis and cholelithiasis in young women following pregnancy (ab), Walter H. Gerwig, Jr., and J. Richard Thistlethwaite, Nov., 779
 - consideration of infant in treatment of cervical carcinoma in pregnancy (ab), Floyd C. Atwell, Oct., 621
 - problem of pregnancy in Hodgkin's disease (ab), René Gilbert, Dec., 920
 - pyruvic acid metabolism during normal and pathological pregnancy, during and after anesthesia and roentgen therapy (ab), S. Markees, et al., Sept., 474
 - radioactive iodine for hyperthyroidism during early pregnancy (ab), John E. Clever, Nov., 790
 - routine antenatal chest x-ray findings in patients drawn from a currently surveyed population (ab), Hugh J. Bickerstaff, et al., Nov., 769
- PRICE, H. P.** See **GARBARINI, J.**
- PRIEST, ROBERT E.**: Unusual conditions simulating pulmonary atelectasis, with case reports of agenesis and hypoplasia of the lung and of fracture of the bronchus, together with report of a case of massive atelectasis in bronchial asthma included for comparison (ab), Nov., 771
- PRIOR, JOHN A., WILCE, JOHN W., and PALCHANIS, WILLIAM**: Geographic distribution of pulmonary calcification among university students in Ohio (ab), Aug., 277
- PRITCHARD, JOSEPH.** See **JONES, W. A.**
- PRITZKER, HAROLD G.** See **APPELL, ADOLPH A.**
- PRIVITERI, CHARLES A., and GAY, BRIT B., Jr.**: Spontaneous rupture of the esophagus, with report of five cases, July, 48
- PROCTOR, BERNARD E.** See **FRAM, HARVEY**
- PROTECTION.** See **Radiations**; **Roentgen Rays**, protection against
- PSEUDOHERMAPHRODISM.** See **Hermaphroditism**
- PSORIASIS**
- psoriatic arthritis (ab), John C. Nunemaker and Seymour A. Hartman, Sept., 460
- PUDENZ, ROBERT H.** See **SHELDEN, C. HUNTER**
- PULMONARY VALVE**
- valvular pulmonic stenosis with intact ventricular septum and patent foramen ovale; illustrative cases and analysis of clinical syndrome (ab), Mary A. Engle and Helen B. Taussig, Sept., 450
- PULSE.** See **Heart**, **electrokymography**
- PURDY, ANN.** See **ABRAMS, HERBERT L.**
- PYELOGRAPHY**
- See also **Kidneys**
 - excretory urography, a clinical study (ab), George H. Ewell and Harold W. Bruskewitz, Nov., 782
 - excretory urography versus retrograde urography: a ureteral compression technic (ab), J. Byron Beare and Carl A. Wattenberg, Aug., 292
 - improved pediatric excretory urography (ab), L. P. Matthei, July, 145
 - is intravenous pyelography used too frequently? (ab), Earl B. Sanborn, July, 145
- PYGOTT, F.**: Radiological appearances in pancreatic cancer (ab), Oct., 607
- PYLORUS**
- See also **Peptic Ulcer**
 - obstruction by cholelith; case (ab), Andrew E. Ogden, Oct., 608
- obstruction due to sarcoid of stomach (ab), Adolph A. Appell, et al., Dec., 906
- PYRIDOXINE.** See **Vitamins**
- PYRUVIC ACID**
- pyruvic acid metabolism during normal and pathological pregnancy, during and after anesthesia and roentgen therapy (ab), S. Markees, et al., Sept., 474
- Q
- QUASTLER, HENRY, and BAER, MARIANNE**: Inhibition of plant growth by irradiation. V. Radiation effects on initiation and completion of growth (ab), Aug., 303
- LANZL, ELIZABETH F., KELLER, MILDRED E., and OSBORNE, JAMES W.**: Acute intestinal radiation death. Studies on roentgen death in mice. III. (ab), Dec., 925
- QUIMBY, EDITH H.** See **WERNER, SIDNEY C.**
- R
- RABINOWITZ, PAUL, and HARPER, IAN S. H.**: Bronchoscopy in pulmonary tuberculosis (ab), Dec., 899
- RADIATIONS**
- See also **Atomic Energy**; **Radioactivity**; **Radium**; **Radon**; **Roentgen Rays**
 - protection of personnel engaged in roentgenology and radiology; final report (ab), F. T. Hunter and L. L. Robbins, Dec., 924
 - tolerance dose problems in radiological work (ab), P. Bjerre Hansen and C. B. Madsen, Nov., 792
- effects**
- dependence of the human skin reaction produced by ionizing radiation upon the type of radiation; some speculations, C. W. Wilson, July, 83
 - fluorescence of solutions bombarded with high energy radiation (energy transport in liquids) (ab), H. Kallmann and M. Furst, Aug., 304
 - histamine hypothesis of biological effects of radiation (ab), F. Ellinger, Dec., 924
 - of ionizing radiations on a transplanted lymphosarcoma (ab), Joanna Hollcroft, et al., Aug., 302
 - of roentgen rays, gamma rays and beta rays on epiderma, cell; experiments with "nipple-test" associated with Dustin's reaction (ab), W. Jadassohn, et al., Nov., 795
- injurious effects.** See also **Atomic Energy**; **Radioactivity**; **Radium**; **Roentgen Rays**
- irradiation necrosis of head of femur (ab), J. T. MacDougall, et al., July, 153
 - lesions of external auditory canal (ab), Walter P. Work, Nov., 792
 - leukemia in radiologists in 20 year period (ab), Herman C. March, Aug., 301
 - repair of large radiation ulcers situated over heart and brain (ab), John M. Converse, et al., Dec., 924
 - some cases of injury in radiologic work (ab), Sven Hultberg and Lars-Eric Larsson, Sept., 475
- RADIOACTIVITY**
- See also **Atomic Energy**; **Radium**; **Radon**; **Thorium**; etc.
 - Abbott Laboratories at Oak Ridge, Sept., 435
 - distribution of radioactivity following the feeding of carbon-14-labeled 2-acetylaminofluorene to rats (ab), Harold P. Morris, et al., Aug., 301
 - effect of adrenalectomy and DCA on the radioisotope intramuscular clearance and distribution in the rat (ab), Frederick R. Franke, et al., Dec., 923
 - estimating radionuclides in exposed individuals. Radioelement metabolism (ab), Jack Schubert, Dec., 920
 - investigation of nucleic acids of viscera and tumor tissue from animals injected with radioactive 8-azaguanine (ab), Jack H. Mitchell, Jr., et al., Aug., 301
 - localization of radioactive colloids in lymph nodes (ab), Leonard A. Walker, July, 153
 - lucite syringe shield for protection against irradiation during intravenous administration of beta-emitting radioisotopes (ab), A. Pearl, et al., Oct., 627
 - place of isotopes in therapy (ab), Austin M. Brues, Oct., 622
 - possible application of isotopes to management of cancer (ab), Simeon T. Cantril, Dec., 921
 - some varied applications of radioactive isotopes to localization and treatment of tumors (ab), D. W. Smithers, Dec., 921
 - studies on distribution of radioactive 8-azaguanine (guanazole) in mice with E0771 tumors (ab), Leonard L. Bennett, Jr., et al., Aug., 300
 - study of fracture healing by means of radioactive tracers (ab), Hans Bohr and August H. Sørensen, Sept., 474
 - use of radioactive substances in Sweden, with special reference to irradiation risks and protection measures (ab), Sven Benner, Sept., 476
- radiocobalt.** See **Uterus, cancer**
- radiofluorescein.** See also **Brain, tumors**
- radioactive di-iodo¹³¹I-fluorescein: health physics aspect of its use for diagnostic studies (ab), George V. LeRoy, et al., Nov., 766
- radiogold**
- disappearance of isotopically labeled gold colloids from circulation of the dog (ab), C. W. Sheppard, et al., Dec., 923
 - distribution of radioactive gold colloid in rats, mice, and transplanted mouse tumors (ab), G. Z. Williams, et al., Nov., 791

RADIOACTIVITY, radiogold—*cont.*

- studies on effect of radioactive colloidal gold on development of oral structures of the mouse (ab), M. S. Burstone, Oct., 626
- radioiodine.** See *Brain; Goiter; Thyroid*
- radioiron.** —plasma iron and saturation of plasma iron-binding protein in dogs as related to gastro-intestinal absorption of radioiron (ab), Charles L. Yuile, et al, Oct., 626
- radioiron absorption in anemic dogs: fluctuation in mucosal block and evidence for a gradient of absorption in the gastro-intestinal tract (ab), Wellington B. Stewart, et al, Oct., 626
- radiomercury.** —distribution of radiomercury of a mercurial diuretic (mercurhydrin) in some of body fluids of man (ab), C. T. Ray, et al, July, 132
- radiophosphorus.** See also *Brain; Hodgkin's Disease; Leukemia*
- blood volume in polycythemia as determined by P^{32} labeled red blood cells (ab), Nathaniel I. Berlin, et al, Nov., 791
- circulatory transfer of P^{32} to skeletal muscles under various experimental conditions (ab), D. L. Gilbert, et al, Nov., 791
- effect of beta irradiation on gastric acidity (ab), Raymond F. Hedin, Sept., 475
- effect upon development of embryonic tooth bud and supporting structures (ab), M. S. Burstone, Nov., 791
- inhibition of uptake of radioactive phosphate by human erythrocytes *in vitro* (ab), D. R. H. Gourley, Dec., 922
- lymphadenosis cutis circumscripta treated with radioactive phosphorus (ab), Seth S. Barnes and Thomas W. Moffatt, Aug., 300
- single cell autographs of bone marrow and blood from rats using radioactive phosphorus (ab), William I. Morse, 2nd, Oct., 626
- study of viability of autogenous frozen bone grafts by means of radioactive phosphorus (ab), Clifford L. Kiehn, et al, Aug., 300
- testing blood plasma to tissue exchange rate by urine isotope ratio: inorganic phosphate (ab), Herbert D. Friedlander and Walter S. Wilde, Dec., 923
- uptake and distribution of radioactive phosphorus in chicken eggs containing a rapidly growing mammary tumor of a C3H mouse (ab), Irving Galinsky, Aug., 300
- use in studies of fetal circulation (ab), Newton B. Everett and Robert J. Johnson, Sept., 474
- use in treatment of carcinoma of breast with widespread metastases to bone (ab), Hymer L. Friedell and John P. Storaasli, Sept., 474
- radiosodium.** See also *Brain; Extremities; Placenta*
- dynamic aspects of sodium metabolism in experimental adrenal insufficiency using radioactive sodium (ab), Thomas N. Stern, et al, Dec., 923

RADIOISOTOPES. See *Radioactivity***RADIOLOGICAL SOCIETIES**

- American Radium Society, Aug., 260
- Arizona Radiological Society, July, 114
- Asociación Argentina de Radiología, July, 115
- Cleveland Radiological Society, Aug., 260
- Colorado Radiological Society, Nov., 755
- Eastern Conference of Radiologists, Nov., 755
- Mississippi Radiological Society, Dec., 888
- New England Roentgen Ray Society, July, 114
- New York Roentgen Society, Aug., 260
- Ohio State Radiological Society, Dec., 888
- Oregon Radiological Society, Sept., 435
- Pennsylvania Radiological Society, July, 114
- Pittsburgh Roentgen Society, Sept., 435
- Radiological Section, Baltimore City Medical Society, July, 114
- Richmond County (Georgia) Radiological Society, Nov., 755
- Rocky Mountain Radiological Society, July, 114, Nov., 755
- San Francisco Radiological Society, Aug., 260
- secretaries and meeting dates, July, 118; Aug., 266; Sept., 437; Oct., 582; Nov., 757; Dec., 891
- South Carolina X-Ray Society, July, 115
- Tennessee Radiological Society, Aug., 260
- Wisconsin Radiological Society, July, 115

RADIOLOGICAL SOCIETY OF NORTH AMERICA

- invitation to Annual Meeting (ed), John S. Bouslog, Sept., 424
- refresher courses, 37th annual meeting, Sept., 425
- scientific program, 37th annual meeting, Oct., 576

RADIOLOGY AND RADIOLOGISTS

- See also *Teaching*
- concerning the risks and responsibilities in the use of iodine compounds in radiodiagnosis, from the point of view of the radiologist (ab), A. Meyers, Aug., 294
- grants and fellowships in radiological research, Dec., 888
- leukemia in radiologists in 20 year period (ab), Herman C. March, Aug., 301
- radiologist's responsibility in bronchogenic cancer (ab), A. C. Singleton, Nov., 772
- radiology in Japan (ed), Leo G. Rigler, July, 106

RADIOTHERAPY. See *Cancer; Roentgen Therapy; under diseases, organs and regions***RADIUM**

- See also *Radiations; Radon; Uterus, cancer; etc.*
- isodose measurements of linear radium sources in air and water by means of an automatic isodose recorder (ab), Gerald J. Hine and Milton Friedman, Nov., 788

—lethal irradiation of mice with high doses of roentgen and gamma rays, P. Bonet-Mauri and F. Patti, Sept., 419

—tonsil after radium irradiation (ab), Ernest J. Van Eycken, Aug., 301

injurious effects

- fibrosarcoma developing in irradiated skin (ab), Calvin B. Stewart and William J. Pendergraft, Dec., 924
- placental barrier in carbon monoxide, barbiturate and radium poisoning: some original observations in humans (ab), Harrison S. Martland and Harrison S. Martland, Jr., July, 154

RADON

- apparatus for radon purification (ab), Agnar Egmark, Sept., 473

RAFFENSPERGER, E. C., and MARKUNAS, F. B.: Roentgenologic demonstration of a Meckel's diverticulum (ab)

Oct., 606

RANDALL, DAVID. See *THUMANN, ROBERT C., Jr.***RANEY, AIDAN A.** See *RANEY, R. B.***RANEY, R. B., and RANEY, AIDAN A.** : Contribution of cerebral angiography in diagnosis (ab), Sept., 443**RAVELLI, A.** : The arteria lusoria in the roentgenogram (ab), Nov., 775**RAVITCH, MARK M., and McCUNE, ROBERT M., Jr.** : Intussusception in infants and children. Analysis of 152 cases with a discussion of reduction by barium enema (ab), July, 136**—and WOODS, ALAN C., Jr.** : Annular pancreas (ab), Nov., 780**RAY, BRONSON S., DUNBAR, HOWARD S., and DOTTER, CHARLES T.** : Dural sinus venography, Oct., 477

Dural sinus venography as an aid to diagnosis in intracranial disease (ab), Nov., 764

RAY, C. T., BURCH, G. E., THREEFOOT, S. A., and KELLY, F. J. : Distribution of radiomercury of a mercurial diuretic in some of the body fluids of man (ab), July, 152**REBOUL, J., and CHAVOIX.** : Case of aneurysm with compression of the rectum (ab), Dec., 908**—and MARTIN, P. L.** : Interlobar pleurisy in a cardiac patient (ab), Dec., 902**RECTUM**

—aneurysm, with compression of rectum; case (ab), J. Reboul and Chavoix, Dec., 908

—tumors of doubtful malignancy; personal observation (ab), Germain Pinsonneault, Nov., 786

REEVES, ROBERT J. See *BAKER, LENOX D.***—See RUNDLES, R. WAYNE****REICH, STANLEY.** See *BUCKSTEIN, JACOB***REINHART, H. A., and HERMEL, M. B.** : Herniation of the lung in the cervical region, Aug., 204**REKERS, P. E.** See *BENNETT, L. R.***REMINGTON, J. W.** See *HAMILTON, W. F.***RESEARCH**

—anatomy of research (ed), Harold Cummins, Nov., 752

RESPIRATORY TRACT

See also *Bronchi; Foreign Bodies; Lungs; etc.*

—“single-portal-massive-dose” x-ray therapy technic for certain upper respiratory, parotid gland, and recurrent breast cancers, Milton Friedman and Lawrence A. Davis, Dec., 797

RETICULO-ENDOTHELIAL SYSTEM

—Hand-Schüller-Christian disease, John R. Hodgson, Roger L. J. Kennedy, and John D. Camp, Nov., 642

—of children: treatment with roentgen rays, Donald S. Childs, Jr., and Roger L. J. Kennedy, Nov., 653

RETICULOSARCOMA. See *Sarcoma, reticulosarcoma***RETINA**

—roentgenographic aid in diagnosis of retinoblastoma (ab), Harold Fulton, Oct., 591

RETROPERITONEUM. See *Abdomen***REVIGLIO, GIUSEPPE M.** : Hysterography and the study of carcinomas of the cervical canal of the uterus (ab), Oct., 615**REYNOLDS, L., CORRIGAN, K. E., and HAYDEN, H. S.** : Use of the cineradiographic method for teaching purposes (ab), Aug., 294**RHABDOMYOSARCOMA.** See *Sarcoma, myosarcoma***RHEUMATIC FEVER**

—calcification of left atrium in rheumatic heart disease (ab), Dennison Young and John B. Schwedel, Oct., 603

—rheumatic heart disease in service pensioners; review of 318 cases (ab), Ronald Hartley, July, 132

RIBS

—eosinophilic granuloma; case (ab), Harold A. Kipp and Edwin R. Fisher, Dec., 911

—hemoptysis due to elimination, by way of a bronchus, of an osseous fragment in course of osteomyelitis of first rib (ab), André Meyer, et al, Dec., 914

—reticular cell sarcoma (ab), Herbert R. Corbett, Nov., 781

—skeletal changes in severe phosphorus deficiency of the rat. I. Tibia, metacarpal bone, costochondral junction, caudal vertebrae (ab), R. D. Coleman, et al, July, 143

RICHARDS, CHARLES E. See *MCCULLAGH, E. PERRY***RICHMOND, JULIUS B.** See *HYDE, JOHN S.***RICKETS**

—vitamin D resistant rickets (refractory rickets) (ab), John F. Holt, Sept., 459

RIEBEL, FRANK A., and CARROLL, C. C. : An adaptometer for preparation for fluoroscopy, Dec., 882**RIECKER, HERMAN H., NEEL, JAMES V., and TEST, AVERY**

—Inheritance of spondylitis rhizomelique (ankylosing spondylitis) in the K. family (ab), Oct., 612

- RIKER, WILLIAM L.** See **POTTS, WILLIS J.**
- RILEY, EDGAR A.**: Boeck's sarcoid. A review based upon a clinical study of fifty-two cases (ab), Aug., 278
- RIOTTON, G.** See **WETTSTEIN, P.**
- RIPP, JOHN A.**: Fatal case of pneumomediastinum, subcutaneous emphysema, and pneumothorax lenta in a newborn infant (ab), Nov., 773
- ROBBINS, LAURENCE L.** See **HUNTER, F. T.**
- See **MCCORT, JAMES J.**
- ROBERTS, DOUGLAS J., Jr.** See **DOTTER, CHARLES T.**
- ROBERTS, NORMAN, and HUGHES, ROWLAND**: Osteochondritis dissecans of the elbow joint. A clinical study (ab), July, 140
- ROBERTS, P. H.** See **CRAWFORD, E. M.**
- ROBINSON, DAVID**: Roentgen therapy for bursitis of the shoulder (ab), Aug., 297
- ROBINSON, HARRY M., Sr.**: Case of possible prevention of permanent alopecia following roentgen therapy (ab), Oct., 627
- ROCHE, E. H.** See **COOMBES, A. C. A.**
- ROCHE, MAURICE B.** See **ROWE, GEORGE G.**
- ROCK, TEO.** See **MALENCHINI, MANUEL**
- ROENTGEN RAYS**
See also **Body Section Roentgenography; Cinéfluorography; Heart, electrokymography; Microradiography; Radiations; Roentgen Therapy**
—properties of fine-grained photographic emulsions used for microradiography (ab), A. Engström and B. Lindström, Dec., 916
—selection of optimum kilovoltage for dental radiography. I. Preliminary studies, Arthur H. Wuehrmann and Carl J. Monacelli, Aug., 240
—soft tissue radiography: technical aspects and clinical applications in examination of limbs (ab), Arne Frantzell, Dec., 916
- apparatus**
—adiometer for preparation for fluoroscopy, Frank A. Riebel, Dec., 882
—for intense radiation of short duration intended for biological research work and for special treatment purposes (ab), Rolf M. Sievert, Sept., 473
—impulse counter for checking x-ray timers, B. R. Stephenson and E. G. Eschner, July, 104
—Johns Hopkins fluoroscopic screen intensifier, Russell H. Morgan and Ralph E. Sturm, Oct., 556
—new cysto-urography and transurethral operating table: hydraulic operation providing prompt wide range position change (ab), Frederic E. B. Foley, Sept., 470
—radiography in rapid sequence; preliminary report, Stanley M. Wyman and Frank Scholz, Nov., 748
—simple adapter for mounting head of x-ray tube to fracture table (ab), Morton H. Leonard, et al, Sept., 469
—simple instrument for radiation protection measurements (ab), L. Lorentzon and T. Wahlberg, Sept., 476
—special device for encephalography (ab), B. G. Ziedses des Plantes, Oct., 588
—universal diaphragm for deep therapy (ab), Olof Sandström, Nov., 788
—universal planigraphy (ab), R. Janker, Nov., 785
—use of 9½-inch roll-film cassette with conventional spot-filming fluoroscopic tables for angiography, John H. Wentworth, Nov., 741
- diagnosis.** See also **Roentgen Rays, injurious effects; Roentgen Rays, protection against; under diseases and organs**
—color as a teaching aid for diagnostic roentgenology, Everett L. Pirkey, James E. Parker, Jr., and Frank W. Shook, July, 81
—concerning the risks and responsibilities in use of iodine compounds in radio-diagnosis, from point of view of radiologist (ab), A. Meyers, Aug., 294
—relation between tension and exposure times in radiography (ab), A. Bierman and W. Hundius Boldring, Dec., 916
- effects.** See also **Roentgen Rays, injurious effects**
—acute intestinal radiation death: studies on roentgen death in mice (ab), Henry Quaster, et al, Dec., 925
—alterations in thermal fragility of rat erythrocytes following total body irradiation (ab), Leontine Goldschmidt, et al, Dec., 926
—biochemical, cellular, and bacteriological changes in thoracic duct lymph of dogs exposed to total body irradiation (ab), Crawford S. Brown, et al, Nov., 794
—blood coagulation and hemorrhage following total body x-irradiation in the rabbit (ab), Robert L. Rosenthal and Agnes L. Benedek, Aug., 302
—changes in blood plasma of guinea-pig during acute radiation syndrome (ab), Henry I. Kohn, July, 155
—early lens changes after roentgen irradiation; experimental studies; morphological and cytochemical changes (ab), Ludwig von Sallmann, Dec., 925
—effect of cysteine on peripheral blood of irradiated rat (ab), Harvey M. Patt, et al, July, 154
—effect of lymphoid necrosis due to nitrogen mustard and roentgen irradiation on neuromuscular function of hypophysectomized animals (ab), Clara Torda and Harold G. Wolff, Oct., 628
—effects of x-rays produced at 50 kilovolts on different species of bacteria (ab), Harvey Fram, et al, July, 155
—hyaluronidase action in normal and in roentgen irradiated rabbit skin (ab), Ray O. Noojin and Hugh B. Praytor, Dec., 926
—influence of grenz rays on histamine-induced manifestations (ab), Gustav Buckley, et al, July, 154
- influence of infection on hematological effects and mortality following mid-lethal roentgen irradiation, L. R. Bennett, P. E. Rekers, and J. W. Howland, July, 99
- influence of ovarian function on incidence of radiation-induced ovarian tumors in mice (ab), Henry S. Kaplan, Aug., 302
- inhibition of plant growth by irradiation: effects on initiation and completion of growth (ab), Henry Quaster and Marianne Baer, Aug., 303
- lethal irradiation of mice with high doses of roentgen and gamma rays, P. Bonet-Maury and F. Patti, Sept., 419
- of acute whole-body irradiation upon water and electrolyte balance (ab), Robert J. Soberman, et al, Dec., 925
- of single massive doses of roentgen radiation upon the liver: experimental study, Irving M. Ariel, Oct., 561
- on alkaline phosphatase of plasma and tissues of rats (ab), Stephan Ludewig and Alfred Chanutin, Nov., 795
- on bacteria (announcement of bibliography), Dec., 888
- on cancer. Direct microscopic observation on living intraocular transplants of frog carcinoma (ab), Baldwin Lucké and H. G. Schlumberger, Nov., 794
- on testis: quantitative histologic analysis following whole body exposure of mice (ab), Allen B. Eschenbrenner and Eliza Miller, Nov., 794
- on thyroid function in rats, John B. Hersh, Priscilla A. Van Valkenburg, and John B. Mohney, Sept., 411
- pyridoxine and experimental radiation injury in rats (ab), M. L. MacFarland, et al, Oct., 628
- radiosensitivity of the analogous mouse mammary tumors dbrB and C3H; further studies, Anna Goldfeder, Dec., 845
- sensitivity of abdomen of rat to irradiation (ab), V. P. Bond, et al, Aug., 303
- simultaneous exposure of large numbers of animals to total body x-radiation: experimental procedures, W. H. Chapman, E. P. Cronkite, F. W. Chambers, Jr., and J. E. Morgan, July, 90
- transparent-chamber observations of response of transplantable mouse mammary tumor to local roentgen irradiation (ab), Ruth Merwin, et al, Nov., 795
- upon some simple aliphatic brom compounds (ab), A. Meister and W. Minder, July, 153
- films.** See **Roentgenograms**
- fluoroscopy.** See also **Foreign Bodies; Roentgen Rays, apparatus**
—perforation of duodenal ulcer during fluoroscopy: disposition of barium sulfate in the abdominal cavity, Robert S. Hayden, Aug., 214
- injurious effects.** See also **Radiations, injurious effects; Roentgen Rays, effects; Roentgen Rays, protection against**
—by-effects of irradiation on skin (ab), Arthur W. Stillians, Oct., 627
- do children born of offspring of mothers irradiated for sterility show abnormal genetic effects? (ab), Ira I. Kaplan, Nov., 792
- effect of vitamin B₁₂ on leukopenia induced by radiation (ab), Robert E. Carter, et al, July, 154
- late radiation reaction in small intestine manifest eight years after therapy; case (ab), Ralph C. Frank and Ernst A. Pohle, Dec., 924
- ocular changes produced by total body irradiation (ab), Helenor C. Wilder and Russell M. Maynard, Nov., 793
- platelet values in personnel engaged in roentgen diagnostic work (ab), Harry Mossberg, Aug., 301
- possible prevention of permanent alopecia following roentgen therapy; case (ab), Harry M. Robinson, Sr., Oct., 627
- postradiation comedos (ab), Milton S. Hartman, July, 153
- pyruvic acid metabolism during normal and pathological pregnancy, during and after anesthesia and roentgen therapy (ab), S. Markees, et al, Sept., 474
- question of genetic injury following irradiation of ovaries in treatment of sterility (ab), Ira I. Kaplan, Aug., 298
- questionnaire concerning frequency of congenital deformities among workers in field of x-radiation (letter to editor), Stanley H. Macht, Oct., 578
- treatment of radiation sickness with ACTH: preliminary report of 14 cases, Kenneth W. Taber, Nov., 702
- use of ACTH and cortisone in treatment of post-irradiation pulmonary reaction, Stuart W. Cosgriff and Morton M. Kligerman, Oct., 536
- protection against**
—(ab), Harold F. Batho, Sept., 475
- calibrated film badge dosimeter (ab), E. Tochilin, et al, Aug., 301
- features of system of periodical inspection adopted for roentgen therapy installations in Sweden, and some experiences of inspection work (ab), R. Thoraeus, Sept., 476
- hazard of radiation, Albert E. Heustis and Donald Van Farowe, Dec., 832
- possibility of protecting the living organism against roentgen rays by chemical means (ab), Arne Forsberg, Sept., 476
- proposals for establishment of Swedish regulations on roentgen protection made at the request of the Institute of Radiophysics (ab), Thor Wahlberg, Sept., 476
- protection during diagnostic studies (ed), Dec., 886
- protection of personnel engaged in roentgenology and radiology; final report (ab), F. T. Hunter and L. L. Robbins, Dec., 924
- protective power of roentgen gloves (ab), Ragnar Steinert, Dec., 925

ROENTGEN RAYS, protection against—cont.

- radiation doses from diagnostic x-ray studies, John S. Handloser and Robert A. Love, Aug., 252
- simple instrument for radiation protection measurements (ab), L. Lorentzon and T. Wahlberg, Sept., 476
- tolerance dose (ab), H. Wilhelm Ernst, Nov., 792
- tolerance dose problems in radiologic work (ab), P. Bjerre Hansen and C. B. Madsen, Nov., 792

ROENTGEN THERAPY

- See also Cancer; Roentgen Rays, apparatus; Roentgen Rays, effects; Roentgen Rays, protection against; under organs and regions
- absorption of roentgen rays with use of a beryllium window tube (ab), M. F. Engman, Jr., et al., July, 150
- beryllium window radiations for superficial therapy (ab), Anthony C. Cipollaro, July, 150
- clinical isodose curves (ab), R. Loewinger, et al., Nov., 789
- determination of tissue dosage, Franklin Hutchinson, Aug., 234
- dose measurements on contact-therapy tubes (ab), W. J. Oosterkamp, July, 149
- method of concentrating roentgen rays for deep therapy; preliminary report (ab), B. Lindell, et al., Sept., 473
- physical and clinical aspects of supravoltage rotational therapy, Hugh F. Hare, Samuel W. Lippincott, Jr., David Sawyer, John G. Trump, Edward W. Webster, Kenneth A. Wright, Winfield W. Evans, and Richard C. Granke, Aug., 157
- two-million-volt radiation (ed), Hugh F. Hare, Aug., 255
- value of cross-section diagrams in delivering accurate x-ray therapy into the female pelvis, Jessill Love, G. N. Combs, W. A. Askew, and M. Harcourt, Aug., 169

ROENTGENOGRAMS

- faults caused by contact between roentgen films during development (ab), Ove Mattsson, Aug., 294
- new film projector for full-sized original roentgenograms, Elias Gordon and Joel J. Schwartzman, Aug., 248
- practical roentgenographic importance of reciprocity law failure (ab), Arne Frantzell, July, 147

ROGERS, JAMES V. See LEIGH, TED F.

ROGERS, WILLIAM M., and GLADSTONE, HERMAN: Vascular foramina and arterial supply of the distal end of the femur (ab), Sept., 467

ROGIN, JAMES R. See MOPPER, COLEMAN

ROLLANDI, ARISTIDE: Diaphragmatic hernia of the spleen (ab), July, 139

ROMAGOSA, JEROME, and MENVILLE, LEON J.: Chronic intermittent arteromesenteric occlusion of the duodenum, July, 63

ROMANINI, ATTILIO, and SPADONI, MARIO: Laminography associated with artificial anterior pneumomediastinum in the roentgen study of the mediastinum (ab), Oct., 600

RONGETTI, JOSEPH R. and DANIELS, JAMES T.: Treatment of empyema of the sella turcica of sphenoid origin (ab), July, 125

ROSENBLATT, MILLARD S., and COLVER, HUGH D.: Intussusception in infancy and early childhood. Ten year review of the cases at the Doernbecher Memorial Hospital for Children (ab), Sept., 455

ROSENBURG, GUSTAVE: Diverticula of the stomach (ab), Oct., 605

ROSENTHAL, ROBERT L., and BENEDEK, AGNES L.: Blood coagulation and hemorrhage following total body x-irradiation in the rabbit (ab), Aug., 302

—See GOLDSCHEIDT, LEONTINE

ROSH, RIEVA, and GREEN, GEORGE G.: Steroids in cancer of the breast, Dec., 837

ROSS, JOSEPH, and FARBER, JASON E.: Right-sided spontaneous pneumothorax complicating therapeutic pneumoperitoneum (ab), Nov., 772

ROSS, PAUL S. See LEWIS, TOM F.

ROSWIT, BERNARD, and KAPLAN, GUSTAVE: Nitrogen mustard as an adjunct to radiation in the management of bronchogenic cancer, Sept., 384

—See SORRENTINO, JOSEPH

ROUSUCK, A. ASHLEY. See ELMER, RICHARD A.

ROWE, GEORGE G., and ROCHE, MAURICE B.: The lumbar neural arch. Roentgenographic study of ossification (ab), Sept., 463

ROYCE, ROBERT K., and ACKERMAN, LAUREN V.: Carcinoma of the bladder: clinical, therapeutic and pathologic aspects of 135 cases (ab), Dec., 918

ROYER, M., MAZURE, P., and KOHAN, S.: Biliary dyskinesia studied by means of the "peritoneoscopic cholangiography" (ab), Aug., 286

ROZEK, EDWARD C., and GRANEY, CHARLES M.: Duodenum inversum. Report of two cases, July, 66

ROZIN, S. See DRUKMAN, A.

RUBIN, ELI H., and RUBIN, MORRIS: The shrunken right middle lobe, with reference to the so-called "middle lobe syndrome" (ab), July, 127

RUBIN, JACK H. See BLOOM, JOSEPH

RUBIN, MORRIS. See RUBIN, ELI H.

RUDO, ALVIN D., and JONES, DAVID H.: Relation of tracheotomy and laryngeal carcinoma to pulmonary tuberculosis (ab), Nov., 770

RUFFIN, JULIAN M. See BONE, FRANK C.

RUIZ RIVAS, M.: Roentgenological diagnosis: generalized subserous emphysema through a single puncture (ab), Oct., 618

RUNDLES, R. WAYNE, and REEVES, ROBERT J.: Multiple myeloma. II. Variability of roentgen appearance and effect of urethane therapy on skeletal disease (ab), Oct., 609

RUSSELL, LYLE W.: Primary carcinoma of the nail (ab), Oct., 613

RUSSELL, WILLIAM O. See WILLS, IRVING

RYAN, J. M. See ELMER, RICHARD A.

RYDÉN, ÅKE B. V. See EKENGREN, KRISTINA

S

SABATINI, S. A., and WESSLER, GERALD: Retrocaval ureter: case report (ab), Nov., 783

SACCO, J. J. See MORRISON, G. M.

SACROILIAC JOINT

- changes in sacroiliac joints in morbus Bechterew and osteitis condensans (ab), Folke Knutsson, July, 142
- tuberculosis; review of 74 cases (ab), Stanley T. Soholt, Dec., 913

SACRUM

- congenital absence of sacrum and coccyx; 2 cases (ab), Vincent Del Duca, et al., Dec., 913

SAFRAN, NATHANIEL, and GREENBERG, AVROM M.: Congenital obstruction of the transverse colon, Nov., 738

SAHYOUN, PHILIP F. See PASTORE, PETER N.

ST. JOHN, ELMER. See BURNETT, JACK M.

SALANS, A. H., SCHACK, J. A., and KATZ, L. N.: Correlation of simultaneously recorded electrokymograms and pressure pulses of human heart and great vessels. A preliminary report (ab), Oct., 602

SALÉN, ERNST F. See BJÖRK, VIKING O.

SAMET, PHILIP, MEDNICK, HENRY, and SCHWEDEL, JOHN B.: Electrokyromographic studies of the relation between the electrical and mechanical events of the cardiac cycle in Wolff-Parkinson-White syndrome (ab), Oct., 601

—and STONE, DANIEL J.: Right-sided aortic arch (ab), Nov., 775

—See MEDNICK, HENRY

—See SCHWEDEL, JOHN B.

SAMSON, PAUL C. See DUGAN, DAVID J.

SANBORN, EARL B.: Is intravenous pyelography used too frequently? (ab), July, 145

SANDLER, BENJAMIN P., MATTHEWS, JAMES H., and BORNSTEIN, SIEGBERT: Pulmonary cavitation due to polartery (ab), Oct., 600

SANDSTRÖM, OLÖF: A universal diaphragm for deep roentgen therapy (ab), Nov., 788

SANES, SAMUEL. See BRASON, FREDERICK W.

SANTY, P., BÉRARD, M., PAPILLON, J., and SOURNIA, J. G.: Angiopneumography and cancers of the lung (ab), Dec., 809

SARASIN, PHILIBERT. See de MEYER, GONZAGUE

SARCOID. See Tumors, sarcoid

SARCOIDOSIS

- Boeck's sarcoid; review based upon clinical study of 52 cases (ab), Edgar A. Riley, Aug., 278

SARCOMA

- See also Synovial Membrane; under organs and regions

- soft tissue tumors: their natural history and treatment (ab), Stanford Cade, Dec., 918

angiosarcoma

- angioblastic sarcoma of ethmoid and frontal sinuses complicated by osteomyelitis of frontal bone and epidural abscess (ab), Morley T. Smith, et al., Aug., 274

- malignant blood vessel tumors; 56 cases of angiosarcoma and Kaposi's sarcoma (ab), William D. McCarthy and George T. Pack, Sept., 472

fibrosarcoma

- developing in heavily irradiated skin (ab), Calvin B. Stewart and William J. Pendergrast, Dec., 924

Kaposi's

- malignant blood vessel tumors; 56 cases of angiosarcoma and Kaposi's sarcoma (ab), William D. McCarthy and George T. Pack, Sept., 472

liposarcoma

- metastatic liposarcoma: rare cause of intestinal obstruction (ab), John M. S. Manson, Dec., 907

lymphosarcoma

- See also Tumors, experimental

- partition of radionophosphorus (^{33}P) in blood, urine and tumor tissue in patients with Hodgkin's disease and lymphosarcoma before and after treatment with nitrogen mustard [methyl bis (beta-chloroethyl) amine] (ab), S. P. Massonidis, et al., Oct., 625

- primary lymphosarcoma of stomach, with 5-year survival after operation: clinical, x-ray, and gastroscopic features (ab), Samuel D. Kushlan, Aug., 283

melanosarcoma

- primary melanosarcoma of esophagus, Jack M. Burnett and Elmer St. John, Dec., 868

myosarcoma

- rhabdomyosarcoma of maxillary antrum; 7 years survival following surgical excision and radiation therapy (ab), Peter N. Pastore, et al., Aug., 294

neurofibrosarcoma

- of anterior mediastinum; surgical removal (ab), Lew A. Hochberg, et al., July, 129

reticulosarcoma

- of rib (ab), Herbert R. Corbett, Nov., 781

- SAUGMANN-JENSEN, JØRGEN, and JACOBY, PAUL:** Cancer of the breast: results of treatment, 1929 to 1943 (ab), Nov., 786
- SAWYER, DAVID.** See HARE, HUGH F.
- SAWYER, KENNETH C., COPPINGER, WILLIAM R., and NELSON, JOHN M.:** Trichobezoar in a four-year-old child (ab), July, 135
- and MARVIN, HORACE P.:** Intestinal obstruction in infants and children (ab), Dec., 907
- SCANNELL, J.** See BERGSTROM, W. H.
- SCAPHOID BONE, CARPAL**
- anomalies of carpus, with particular reference to the bipartite scaphoid (navicular) (ab), Richey L. Waugh and Russell F. Sullivan, Sept., 465
- SCARDINO, PETER L.** See GOODWIN, WILLIAM E.
- SCARINCI, CARMELO:** Bronchography with Joduron B, a water-soluble contrast medium (ab), Nov., 768
- SCHACK, J. A.** See AKMAN, L. C.
- See SALANS, A. H.
- SCHAFFNER, FENTON, FRIEDELL, MORRIS T., and HUMMON, IRVIN F.:** Radioiodine (I^{131}) in the diagnosis and treatment of diseases of the thyroid (ab), Dec., 922
- SCHEEF, ALAN A.** See GILMORE, GOODLATTE B.
- SCHENKEN, J. R.** See COLEMAN, F. C.
- SCHISSEL, DONALD J.** See DORNER, RALPH A.
- SCHLUMBERGER, H. G.** See LUCKÉ, BALDUIN
- SCHMID, PAUL CH.:** Topographical visualization of the bronchial tree in the roentgenogram (ab), Nov., 768
- Topographical visualization of the lung segments in the roentgenogram (ab), Nov., 768
- SCHMIDT, CHARLOTTE.** See WERNER, SIDNEY C.
- SCHMITZ, HERBERT E., and MAJEWSKI, JOSEPH T.:** End-results in the treatment of ovarian carcinoma with surgery and deep x-ray irradiation, Dec., 820
- TOWNE, JANET E., and SMITH, CHARLES J.:** Role of surgery in management of cervical carcinoma, Dec., 826
- SCHNEE, I. M.** See SMITH, MORLEY T.
- SCHNEIDER, LOUIS:** Subclinical mineral oil pneumonitis (ab), Dec., 900
- SCHOLZ, FRANK.** See WYMAN, STANLEY M.
- SCHOOR, S., DREYFUSS, F., and SCHWARTZ, A.:** The recumbent esophagogram: an x-ray method for early detection of left atrial enlargement, Aug., 208
- SCHOTTSTAEDT, EDWIN R.** See LARSEN, LOREN J.
- SCHREINER, BERNARD F.** (obit), July, 112
- SCHUBERT, JACK:** Estimating radioelements in exposed individuals. I. Radioelement metabolism (ab), Dec., 920
- SCHÜLLER, A.:** Short review of cranial hyperostoses (ab), Oct., 590
- SCHÜLLER-CHRISTIAN DISEASE.** See Reticulo-Endotheliosis
- SCHULTE, JOHN W.** See BARR, JOHN R.
- SCHWARTZ, A.** See SCHORR, S.
- SCHWARTZMAN, JOEL J.** See GORDON, ELIAS
- SCHWARZ, J., and MUTH, J.:** Coccidiomycosis: a review. Progress of medical science (ab), Dec., 901
- SCHWEDEL, JOHN B., SAMET, PHILIP, and MEDNICK, HENRY:** Electrocardiographic studies of abnormal left ventricular pulsations (ab), Oct., 600
- See MEDNICK, HENRY
- See SAMET, PHILIP
- See YOUNG, DENNISON
- SCLERODERMA**
- protox nature of scleroderma, with note on pulmonary changes (ab), Stanley M. Aronson and Lazar Wallenstein, Oct., 600
- SCOLIOSIS.** See Spine
- SCOTT, BEATRICE E.** See WRIGHT, LYDIA T.
- SCOTT, ROLAND B.** See KESSLER, ALTHEA
- SCOTT, W. W.** See GOODWIN, WILLIAM E.
- SCOTT, WENDELL G.:** Cancer of the colon and its early diagnosis (ab), Oct., 606
- SCOVILLE, WILLIAM B.** See DUNSMORE, REMBRANDT
- SCRUGGS, JOE B., Jr.** See AYRES, R. W.
- See MESCHAN, ISADORE
- SEAMAN, WILLIAM B.:** Olfactory esthesioneuro-epitheliomas, Oct., 541
- See ECKERT, CHARLES
- SEGALL, S.** See HWANG, W.
- SELLA TURICA**
- shortening of the posterior wall of sella turcica caused by dilatation of third ventricle or certain suprasellar tumors (ab), Bernard S. Epstein, Dec., 897
 - treatment of empyema of sphenoid origin (ab), Joseph R. Rongetti and James T. Daniels, July, 125
- SELZER, ARTHUR, and LAQUEUR, GERT L.:** The Eisenmenger complex and its relation to the uncomplicated defect of the ventricular septum. Review of thirty-five autopsied cases of Eisenmenger's complex, including two new cases (ab), Dec., 904
- SEVERIN, ERIK:** Congenital dislocation of the hip. Development of the joint after closed reduction (ab), Sept., 465
- SEWELL, GEORGE.** See PALETZ, BERNARD E.
- SEYBOLD, WILLIAM D., JOHNSON, MARCELLUS A., III, and LEARY, WILLIAM V.:** Perforation of the esophagus. Analysis of 50 cases and an account of experimental studies (ab), July, 133
- MCDONALD, JOHN R., CLAGETT, O. THERON, and GOOD, C. ALLEN:** Tumors of the thymus (ab), July, 129
- SEYDEWITZ, OTTO-HERMANN:** Transformation of an acute osteomyelitis of the spine into a so-called "bland" osteomyelitis because of insufficient penicillin therapy (ab), Sept., 465
- SHALLEMBERGER, PAUL L.** See KOLOSKI, EUGENE L.
- SHAPIRO, DAVID.** See NATARO, MAURICE
- SHARP, ROBERT F., and GREEN, MAX M.:** Diagnostic and therapeutic considerations in renal aneurysm, with a report of two additional cases (ab), July, 146
- SHARPE, MYER, and GOLDEN, ROSS:** End-to-end anastomosis of the colon following resection: roentgen study of forty-two cases (ab), Oct., 606
- SHAW, ROBERT R.:** Early detection of bronchogenic carcinoma (ab), Aug., 275
- SHEINMEL, ARCHIE, and LAWRENCE, LEWIS R.:** Agenesis of the corpus callosum; lipoma of the corpus callosum: their roentgen recognition and differentiation, July, 15
- and MEDNICK, EDWARD A.:** Roentgen diagnosis of upper abdominal retroperitoneal space-occupying lesions (ab), Dec., 916
- SHELDEN, C. HUNTER, PUDENZ, ROBERT H., and BRANNON, LELAND E.:** Intracranial aneurysms (ab), July, 125
- SHELLINE, GLENN E., and CLARK, DWIGHT E.:** Index of thyroid function: estimation by rate of organic binding of I^{131} (ab), July, 150
- See CLARK, DWIGHT E.
- See MILLER, EARL R.
- SHEPPARD, C. W., JORDAN, GILBERT, and HAHN, P. F.:** Disappearance of isotopically labeled gold colloids from the circulation of the dog (ab), Dec., 923
- SHERMAN, MARY S.** See MINDELL, EUGENE R.
- SHIMKIN, MICHAEL B.** See BIERMAN, HOWARD R.
- See MASOURIDES, S. P.
- SHIPLEY, R. A., STORAASLI, J. P., FRIEDELL, H. L., and POTTS, A. M.:** I^{131} in the diagnosis and treatment of hyperthyroidism (ab), Sept., 473
- SHIPP, FRANK L., and HAGGART, G. EDMUND:** Further experience in the management of osteitis condensans illi (ab), Sept., 467
- SHOOK, FRANK W.** See PIRKEY, EVERETT L.
- SHOULDER**
- roentgen therapy for bursitis (ab), David Robinson, Aug., 297
 - roentgen treatment and roentgen diagnosis of painful shoulder (ab), Paul S. Friedman, Oct., 621
 - unusual fracture-subluxations (ab), Frederick R. Thompson and Edward M. Winant, Sept., 465
- SHULL, WILLIAM H., and WILKINSON, CHARLES F., Jr.:** An unusual retroperitoneal cyst simulating a calcified hepatic cyst (ab), Aug., 286
- SHURE, B.** See TARLOV, I. M.
- SIBLEY, JOHN C.:** Study of 200 cases of tuberculous pleurisy with effusion (ab), Aug., 276
- SICARD, SEE STUHL**
- SIDEMAN, SIDNEY.** See WOLIN, IRVING
- SIEVERT, ROLF M.:** Roentgen apparatus for intense roentgen radiation of short duration intended for biophysical research work and for special treatment purposes (ab), Sept., 473
- See LINDELL, B.
- SIGMOID**
- vesicosigmoidal fistulas complicating diverticulitis (ab), Charles W. Mayo and Charles P. Blunt, Oct., 607
- SILBER, E. N.** See AKMAN, L. C.
- SILVERMAN, FREDERIC N.:** Pulmonary calcification—tuberculosis?, histoplasmosis? (ab), Oct., 593
- SIMMONS, EUGENE E., LONG, ROBERT S., HUNT, HOWARD B., and MOORE, RALPH C.:** Hiatus hernia. Analysis of twenty-five cases (ab), July, 139
- SIMON, MORRIS A., and EIDLLOW, S.:** Plasmacytoma of lymph node. Report of a case with multiple myeloma (ab), Oct., 610
- SIMON, THOMAS R.** See DAVIS, MARTIN W.
- SIMONSON, ERNST:** Transient right bundle branch block produced by heart catheterization (ab), Dec., 904
- SINGER, EMANUEL.** See BASS, HYMAN E.
- SINGLETON, A. C.:** The radiologist's responsibility in bronchogenic cancer (ab), Nov., 772
- SINUS, DURAL.** See Brain
- SINUSES, PARANASAL**
- See also Ethmoid Sinus; Maxillary Sinus; Sphenoid Sinus
 - Kartagener syndrome (ab), Samuel Cohen, et al, Nov., 773
 - Kartagener's triad; review of literature and report of case (ab), H. S. Zuckerman and L. R. Wurtzbach, Dec., 901
 - situs inversus, bronchiectasis and sinusitis; report of family with 2 cases of Kartagener's triad and 2 additional cases of bronchiectasis among six siblings (ab), W. H. Bergstrom, et al, Aug., 280
- SISSON, M. A.** See GARLAND, L. H.
- SITUS INVERSUS.** See Visceræ
- SKIING**
- ski injuries (ab), Gordon M. Morrison and Edward J. Coughlin, Jr., Oct., 613
- SKIN**
- benign solitary lymphocytoma; 3 cases (ab), Coleman Mopper and James R. Rogin, Dec., 919
 - beryllium window radiations for superficial therapy (ab), Anthony C. Cipollaro, July, 150
 - by-effects of irradiation (ab), Arthur W. Stillion, Oct., 627
 - dependence of the human skin reaction produced by ionizing radiation upon the type of radiation; some speculations, C. W. Wilson, July, 83

SKIN—cont.

- effect of roentgen rays, gamma rays and beta rays on epidermal cell: experiments with "nipple-test" associated with Dustin's reaction (ab), W. Jadassohn, et al., Nov., 795
- fibrosarcoma developing in heavily irradiated skin (ab), Calvin B. Stewart and William J. Pendergrast, Dec., 924
- hyaluronidase action in normal and in roentgen irradiated rabbit skin (ab), Ray O. Noojin and Hugh B. Prytor, Dec., 926
- lymphocytoma cutis; 2 cases (ab), Adolph B. Loveman and Maurice T. Fliegelman, Dec., 919
- new familial case of cutis gyrata with pachyperiostosis of extremities, verified anatomically (ab), A. Franceschetti, et al., Nov., 782

SKIPPER, HOWARD E. See BENNETT, LEONARD L., Jr.

See MITCHELL, JACK H., Jr.

- SKOOG-SMITH, ANTON W.**, **JASPIN, GEORGE**, and **SULLIVAN, JOSEPH V.**: Gastrojejunocolic fistulas. Postoperative complications in nineteen cases (ab), Sept., 455

SKULL. See Cranium

- SLATER, M.**: Roentgenological diagnosis of sponge in the abdomen (ab), Oct., 617

- SLATTERY, ROBERT V.**, **BEADENKOPF, WILLIAM G.**, and **LOOSLI, CLAYTON G.**: Nature of the lesions encountered in routine chest x-rays (ab), Aug., 275

SMALLIDON, TED R. See EVANS, JOHN A.**SMITH, CHARLES J.** See SCHMITZ, HERBERT E.**SMITH, DOUGLASE E.** See PATT, HARVEY M.

- SMITH, GORDON C.**: Occupational factors in pulmonary dust disease (ab), Oct., 599

SMITH, JARVIS M.: Adolescent deficiency disease. Report of a case (ab), Dec., 912

- SMITH, MORLEY T.**, **LATELLA, PETER D.**, and **SCHNEE, I. M.**: Angio-fibrosarcoma of the ethmoid and frontal sinuses complicated by osteomyelitis of the frontal bone and epidural abscess (ab), Aug., 274

- SMITH, WARREN**: Multiple myeloma: two cases without bony change on radiological examination (ab), Sept., 460

- SMITHAM, J. HILLYER**. See LOCKHART-MUMMERY, H. E.

- SMITHERS, D. W.**: Some varied applications of radioactive isotopes to the localisation and treatment of tumours (ab), Dec., 921

- SNOW, WILLIAM**, and **MARKS, JEROME A.**: Duodenal loop triad syndrome (ab), Dec., 908

- SNOWMAN, RICHARD T.** See STEWART, WELLINGTON B.

SOAVE, F. See BATTEZZATI, M.

- SOBERMAN, ROBERT J.**, **KEATING, RICHARD P.**, and **MAXWELL, ROY D.**: Effects of acute whole-body x-irradiation upon water and electrolyte balance (ab), Dec., 925

SODIUM, RADIOACTIVE. See Brain; Extremities; Placenta**SØRENSEN, AUGUST H.** See BOHR, HANS**SOFT TISSUE**

- soft tissue radiography: technical aspects and clinical applications in examination of limbs (ab), Arne Frantzell, Dec., 916
- tumors: their natural history and treatment (ab), Stanford Cade, Dec., 918

- SOHOLT, STANLEY T.**: Tuberculosis of the sacro-iliac joint. Review of seventy-five cases (ab), Dec., 913

- SOLEY, MAYO H.** See MILLER, EARL R.

- SOLOFF, LOUIS A.**, and **BELLO, C. T.**: Pericardial effusion mistaken for cardiac enlargement in severe anemia. Report of two cases (ab), July, 133

- SOMMER, FRANZ**: Contribution to Sturge-Weber disease (ab), Sept., 444

- SORICELLI, F.**, and **DI GUGLIELMO, L.**: The short esophagus (ab), Dec., 910

- SORRENTINO, JOSEPH**, **ROSWIT, BERNARD**, and **YALOW, ROSALYN**: Thyroid carcinoma with multiple metastases and pathological fracture, successfully treated with radioiodine. Report of case, Nov., 729

- SOSMAN, MERRILL C.** See CHRISTENSEN, WILLIAM R.

—See HEALEY, R. F.**SOURNIA, J. C.** See SANTY, P.

- SOUTHWORTH, JOHN D.**, and **BERSACK, SOLOMON R.**: Anomalies of the lumbosacral vertebrae in five hundred and fifty individuals without symptoms referable to the low back (ab), Sept., 464

SPADONI, MARIO. See ROMANINI, ATTILIO

- SPAIN, DAVID M.**: Patterns of pulmonary fibrosis as related to pulmonary function (ab), Oct., 592

- SPELLBERG, M. A.**, and **JACKSON, EDWARD L.**: Problems in diseases of the small bowel. Clinical picture of unusual cases of diseases of the small bowel (ab), Sept., 454

SPHENOID SINUS

- treatment of empyema of sella turcica of sphenoid origin (ab), Joseph R. Rongetti and James T. Daniels, July, 125

- SPIEGEL, MILTON B.**, and **KOIRANESKY, G. H.**: Melorheostosis Léri: review of literature and report of a case (ab), Oct., 610

SPINAL CANAL ROENTGENOGRAPHY

See also Spine, intervertebral disks

- pantopaque meningitis due to hypersensitivity, James C. Luce, W. Leith, and Walter S. Burrage, Dec., 878

- retention of pantopaque in subarachnoid space (ab), Edgar A. Bering, Jr., Aug., 290

SPINAL CORD

- hemangioma of vertebra associated with compression of spinal cord (ab), Olaf Bröbeck, Aug., 289
- irritating effect of iodized vegetable oils on brain and spinal cord when divided into small particles (ab), Rudolph Jaeger, Oct., 592
- radioactive diiodofluorescein in diagnosis and localization of central nervous system tumors (ab), Loyal Davis, et al., Nov., 765

SPINE

- See also Sacrum
- changes in scoliotic spine after fusion (ab), Ignacio V. Ponseti and Barry Friedman, Sept., 464
- dysphagia caused by exostoses of cervical spine (ab), Bertram Kertzman and Willis A. Madden, Oct., 611
- longitudinal growth of human vertebra: contribution to osteogeny (ab), Edgar M. Bick and Joseph W. Copel, Sept., 463
- skeletal changes in severe phosphorus deficiency of the rat. I. Tibia, metacarpal bone, costochondral junction, caudal vertebra (ab), R. D. Coleman, et al., July, 143

abnormalities

- anomalies of lumbosacral vertebrae in 550 individuals without symptoms referable to low back (ab), John D. Southworth and Solomon R. Bersack, Sept., 464
- diagnostic and pathologic evaluation of congenital block vertebrae (ab), P. Levrier and P. Temple, Oct., 611
- arthritis
- anatomoradiological aspects of ankylosing spondylitis (ab), P. Wetstein and G. Riottot, Aug., 289
- changes in sacroiliac joints in morbus Bechterew and osseitis condensans (ab), Folke Knutson, July, 142
- inheritance of spondylitis rhizomelique (ankylosing spondylitis) in K. family (ab), Herman H. Riecker, et al., Oct., 612
- Marie-Strümpell arthritis: follow-up study of roentgen, physical, and orthopedic therapy (ab), Lenox D. Baker, et al., Sept., 463
- spurs of calcaneus in Strümpell-Marie disease; 15 cases (ab), Joe B. Davis and Harry C. Blair, Sept., 464

dislocations

- roentgen diagnosis of spondylosis (ab), A. Wyss, Dec., 912
- spondylosis with an intact neural arch—the so-called pseudo-spondylolisthesis (ab), Ian Macnab, July, 142
- intervertebral disks
- abrodil myelography in herniated disk in the lumbar region, Jean Lange and Haakon Ødegaard, Aug., 186. See correction, Dec., 888
- backache and its relation to ruptures of the intervertebral disks, Knut Lindblom, Nov., 710
- diagnosis of posterior hernia (ab), P. Glorieux, Sept., 469
- diagnostic topography of herniated disks by epidural injection of lipiodol (ab), Stuhl, et al., Aug., 290
- importance of x-ray diagnosis for operative treatment of prolapse (ab), Arnold Hofmann, Sept., 464
- lumbar extradural hematoma; case simulating protruded disk syndrome (ab), Hendrik J. Svien, et al., Oct., 612
- protrusions: study of their distribution, characteristics and effects on nervous system (ab), J. C. Haley and J. H. Perry, Aug., 290
- simulation of herniated disk by Arnold-Chiari deformity; 2 cases in adults (ab), J. A. Coleough, Oct., 611
- technic and results in myelography and disk puncture (ab), K. Lindblom, Oct., 612

osteomyelitis

- transformation of an acute osteomyelitis into a so-called "bland" osteomyelitis because of insufficient penicillin therapy (ab), Otto-Hermann Seydewitz, Sept., 465

roentgenography

- advantages of compression of abdomen in roentgenography of lumbosacrococcygeal vertebrae (ab), Rosario Corseri, Oct., 618
- lumbar neural arch: roentgen study of ossification (ab), George G. Rowe and Maurice B. Roche, Sept., 463
- significant findings in routine pre-employment examination of lumbosacral spine: preliminary report (ab), M. Lowry Allen and Martin C. Linden, Oct., 612

tumors

- hemangioma of vertebra associated with compression of spinal cord (ab), Olaf Bröbeck, Aug., 289

SPLEEN

- diaphragmatic hernia of spleen (ab), Aristide Rollandi, July, 139
- hepatobiligraphy: past, present, and future, Sydney F. Thomas, George W. Henry, and Henry S. Kaplan, Nov., 669
- rupture: roentgen diagnosis, J. Gershon-Cohen, M. B. Hermel, R. N. Byrne and L. S. Bringhurst, Oct., 521

SPONDYLITIS. See Spine**SPONDYLOLISTHESIS**. See Spine**SPONDYLOLYSIS**. See Spine

- roentgen diagnosis of sponge in abdomen (ab), M. Slater, Oct., 617

- SPRINDRICH, J.**: Our therapeutic results in irradiation of malignant goiter (ab), Dec., 917

STANNIC OXIDE. See Tin**STANTON, A. C.** See WILLIAMS, G. Z.**STAPHYLOCOCCUS**. See Pneumonia**STEER, CHARLES M.** See MOLOY, HOWARD C.

- STEIN, I. F., Jr.**, and **MEYER, KARL A.**: Unusual case of gallstone ileus (ab), Oct., 608

- STEIN, WILLIAM.** See **KARSHMER, NATHAN**
- STEINBERG, ISRAEL, MCCOY, HERBERT I., and DOTTER, CHARLES T.**: Angiocardiography in artificial pneumothorax (ab), Aug., 277
—See **DOTTER, CHARLES T.**
- STEINERT, RAGNAR:** Protective power of roentgen gloves (ab), Dec., 925
- STEINGRABER, M.:** The x-ray picture of aseptic necrosis of the finger joints (ab), July, 141
- STENVERS, H. W.:** Some anomalies of the petrous bone: hyperostosis and cholesteatoma (ab), Sept., 443
- STEPHENHS, H. BRODIE.** See **OLNEY, MARY B.**
- STEPHENSON, B. R., and ESHNER, E. G.:** Impulse counter for checking x-ray timers, July, 104
- STERILITY**
—do children born of offspring of mothers irradiated for sterility show abnormal genetic effects? (ab), Ira I. Kaplan, Nov., 792
—hysterosalpingography in study of sterility (ab), Albert W. Holman, Sept., 469
—question of genetic injury following x-ray irradiation of ovaries in treatment (ab), Ira I. Kaplan, Aug., 298
- STERN, THOMAS N., COLE, VINTON V., BASS, ANNE C. and OVERMAN, R. R.:** Dynamic aspects of sodium metabolism in experimental adrenal insufficiency using radioactive sodium (ab), Dec., 923
- STERNBERG, S. DAVID.** See **DANNENBERG, MAX.**
- STEROIDS**
See also Adrenal Preparations; Androgens; Estrogens
—in breast cancer, Riva Rosh and George G. Green, Dec., 837
- STEWART, CALVIN B., and PENDERGRAST, WILLIAM J.:** Fibrosarcoma developing in heavily irradiated skin (ab), Dec., 924
- STEWART, MARCUS J., and HAMEL, H. A.:** Solitary bone cyst (ab), Oct., 600
- STEWART, WELLINGTON B., YUILE, CHARLES L., CLAYBORNE, HERBERT A., SNOWMAN, RICHARD T., and WHIPPLE, GEORGE H.:** Radioiron absorption in anemic dogs. Fluctuations in the mucosal block and evidence for gradient of absorption in the gastrointestinal tract (ab), Oct., 600
—See **YUILE, CHARLES L.**
- STIEFEL, E. See BERTSCHI, E.**
- STILLIANS, ARTHUR W.:** By-effects of irradiation on the skin (ab), Oct., 627
- STOLFI, JULIUS E., and BARNETT, JAMES C.:** Primary adenocarcinoma of the third portion of the duodenum (ab), July, 133
- STOLL, BASIL A.:** Hormone therapy in relation to radiotherapy in the treatment of advanced carcinoma of the breast (ab), Oct., 620
- STOMACH**
See also Gastro-Intestinal Tract; Hernia; Pylorus
—aberrant pancreatic tissue in gastric antrum: roentgen study (ab), Mario Camplani, Aug., 283
—clinical-roentgenological studies of dilatation (ab), Heinrich Berning, July, 134
—diverticula (ab), Gustave Rosenberg, Oct., 605
—effect of beta irradiation on gastric acidity (ab), Raymond J. Hedley et al., Sept., 473
—effects of hexamethonium bromide (ab), A. H. Douthwaite and M. G. Thorpe, Dec., 906
—gastric residue: cholecystography (ab), Charles Gottlieb and Samuel L. Beranbaum, Nov., 778
—non-specific granulomatous inflammation of stomach and duodenum: its relation to regional enteritis (ab), Mandred W. Comfort, et al., Nov., 777
—thoracic stomach simulating left ventricular failure (ab), Henry H. Haft and Daniel K. Adler, Nov., 778
- cancer**
—co-existence of duodenal ulcer with independent gastric carcinoma (ab), Harry J. Epstein and Theodore H. Mendell, Oct., 605
—incidence of malignancy in ulcers believed preoperatively to be benign (ab), Elmer G. Lampert, et al., Nov., 778
- fistula**
—See Fistula
- foreign bodies**
—bezoar (ab), Roderick L. Tondreau and B. R. Kirklin, July, 135
—trichobezoar in a 4-year-old child (ab), Kenneth C. Sawyer, et al., July, 135
- mucosa**
—asymptomatic gastric mucosal prolapse, Emanuel J. Levin and Benjamin Felson, Oct., 514
—prolapsing hypertrophic mucosa simulating prolapsing gastric polyp; case (ab), Maurice Feldman and Zachariah Morgan, Dec., 906
- tumors**
—benign tumors (ab), Franco Perotti, Oct., 605
—calcified leiomyoma (ab), J. Garbarini and H. P. Price, Aug., 283
—large partially calcified leiomyoma (ab), Eugene L. Koloski, et al., July, 135
—mesenchymal tumors (ab), Charles J. France and Osborne A. Brines, Nov., 777
—primary lymphosarcoma, with 5-year survival after operation: clinical, x-ray, and gastroscopic features (ab), Samuel D. Kushner, Aug., 283
—pyloric obstruction due to sarcoid of stomach (ab), Adolf Appell, et al., Dec., 906
- ulcera.** See Peptic Ulcer
- STONE, DANIEL J.** See **SAMET, PHILIP**
- STORAASLI, JOHN P.** See **FRIEDELL, HYMER L.**
- STOPEK, CHARLES.** See **DANNENBERG, MAX**
- STOUT, ARTHUR P., and HIMADI, GEORGE M.:** Solitary (localized) mesothelioma of the pleura (ab), Dec., 902
- STRANG, VERDÉ.** See **CARTER, ROBERT E.**
- STREPTOMYCIN.** See **Pneumonia**
- STRÜMPPELL-MARIE ARTHRITIS.** See **Spine**
- STRUVE, EDGAR E.** Amebic abscess of the liver (ab), July, 137
- STUHL, SICARD, FORESTIER, and MERLE:** Contribution to the diagnostic topography of herniated disks by the epidural injection of lipiodol (ab), Aug., 290
- STURGE-WEBER DISEASE.** See **Tumors, angioma**
- STURM, RALPH E.** See **MORGAN, RUSSELL H.**
- STUTZ, E.:** Procaine and bronchography (ab), Sept., 449
- SUBARACHNOID SPACE.** See **Meninges**
- SUGIURA, OSCAR:** Pathological anatomy and angiography of intracranial vascular anomalies (ab), Nov., 763
- SUGIURA, KINEMATSU.** See **KENNETH LEONARD L. Jr.**
- SULLIVAN, JOSEPH V.** See **SKOOGSMITH, ANTON W.**
- SULLIVAN, RUSSELL F.** See **WAUGH, RICHARD L.**
- SUSSMUTH, MARY C.** See **GORDON, ALVIN J.**
- SUTCLIFFE, J.** See **MCLAREN, J. W.**
- SUTHERLAND, CHARLES G.** (obit), July, 111
- SVIEN, HENDRICK J., ADSON, ALFRED W., and DODGE, HENRY W., Jr.:** Lumbar extradural hematoma. Report of a case simulating protruded disk syndrome (ab), Oct., 612
- SWIFT, M.** See **BOND, V. P.**
- SWITZER, JOHN L., COHEN, JOSEPH, and BAKER, LYLE A.:** Chronic primary Friedländer pneumonia: report of a case with prompt clinical and roentgen care following streptomycin therapy (ab), July, 129
- SYNOVIAL MEMBRANE**
—synovial sarcoma (malignant synovioma) (ab), George T. Pack and Irving M. Ariel, Nov., 782
- SYNOVIOMA.** See **Synovial Membrane**
- SYPHILIS.** See **Aortal**
- SYRINGE SHIELD.** See **Radioactivity**
- SYVERTON, JEROME T.:** Non-bacterial pneumonias (ab), Oct., 597
- T
- TABER, KENNETH W.:** Treatment of radiation sickness with ACTH. Preliminary report of fourteen cases, Nov., 702
- TACHYCARDIA.** See **Heart**
- TAFT, ROBERT BURBIDGE** (obit), July, 108
- TAGLIAFERRO, A.** See **BATEZZATI, M.**
- TAHAN, R. J., and OOSTHUIZEN, S. F.:** Electrokyromography: a preliminary report (ab), Nov., 774
- TALUS.** See **Ankle**
- TAMARI, MARVIN J., and LOEWY, ARTHUR,** with the technical assistance of Elstrom, Eugene. Roentgenologic demonstration of the facial nerve canal (ab), Nov., 766
- TANNIC ACID.**
—tannic acid barium enema in colonic investigation (ab), R. A. Kemp Harper and J. H. L. Conway-Hughes, Sept., 456
- TARLOV, I. M., SHURE, B., EPSTEIN, B. S., HIRSCH, E., and NISSEN, R.:** Brain revascularization after carotid-jugular anastomosis assessed by angiography (ab), Nov., 764
- TARSUS.** See **Foot**
- TAUSSIG, HELEN B.** See **ENGLE, MARY A.**
- TAYLOR, HENRY K.** See **MILLER, GEORGE**
- TEACHING**
—color as a teaching aid for diagnostic roentgenology, Everett L. Pirkey, James E. Parker, Jr., and Frank W. Shook, July, 81
—continuation course, roentgenology of chest diseases, University of Minnesota, Oct., 578
—postgraduate course, roentgenographic interpretation of diseases of bones and joints, Hospital for Joint Diseases, Oct., 578
—use of cineradiographic method for teaching purposes (ab), L. Reynolds, et al., Aug., 294
- TEETH**
—accidents of dental origin: oral prostheses in respiratory and alimentary systems (ab), Ralph W. Edwards, Sept., 470
—effect of radioactive phosphorus upon development of embryonic tooth bud and supporting structures (ab), M. S. Burstone, Nov., 791
—selection of optimum kilovoltage for dental radiography, I. Preliminary studies, Arthur H. Wehrmann and Carl J. Monacelli, Aug., 240
- TELANGIECTASIS**
—hemorrhagic telangiectasia; 2 cases (ab), John McD. Glennie, Sept., 472
—multiple arteriovenous aneurysms of lung in Osler's disease (telangiectasia hemorrhagica hereditaria) (ab), C. Marmier and W. H. Hitzig, Sept., 450
- TEMPLE, P.** See **LEVRIER, P.**
- TEMPLETON, JOHN Y., III.** See **ALLBRITTEN, FRANK F., Jr.**
- TEMPORAL BONE**
—monostotic fibrous dysplasia of mastoid and temporal bone (ab), Charles B. Towson, Oct., 613
—petrous bone: hyperostosis and cholesteatoma (ab), H. W. Steuners, Sept., 443

- TEMPORAL BONE**—*cont.*
- petrous bone: three angles of incidence for examination (ab), C. Chaussé, Sept., 443
 - radiology of infected temporal bone (ab), Harold Graham-Hodgson, Nov., 767
- TESLUK, HENRY.** See YUILE, CHARLES L.
- TEST, AVERY.** See RIECKER, HERMAN H.
- TESTES**
- effect of roentgen rays on testis: quantitative histologic analysis following whole body exposure of mice (ab), Allen B. Eschenbrenner and Eliza Miller, Nov., 794
 - treatment of malignant tumors (ab), David D. Merren, et al., Dec., 918
- THISTLETHWAITE, J. RICHARD.** See GERWIG, WALTER H., Jr.
- THOMA, GEORGE.** See WOOLSEY, ROBERT
- THOMAS, SYDNEY F., HENRY, GEORGE W., and KAPLAN, HENRY S.** Hepatobiligraphy: past, present, and future, Nov., 669
- THOMPSON, FREDERICK R., and WINANT, EDWARD M.** Unusual fracture-subluxations of the shoulder joint (ab), Sept., 465
- THOMS, JOHANNES.** Osteochondritis dissecans of the head of the ulna (ab), Aug., 291
- THORACIC DUCT**
- biochemical, cellular, and bacteriologic changes in thoracic duct lymph of dogs exposed to total body irradiation (ab), Crawford S. Brown, et al., Nov., 794
- THORAEUS, R.** Features of the system of periodical inspection adopted for roentgen therapy installations in Sweden, and some experiences of the inspection work (ab), Sept., 476
- THORAX**
- See also Heart; Lungs; Mediastinum; etc.
 - contusion, with Hamman's syndrome and subsequent pneumonia, as contribution to subject of pneumonia due to contusion; case (ab), A. Abplanalp, Sept., 446
 - have we a radiographic sign of grave prognosis (transparency of superficial tissues)? Preliminary communication (ab), E. M. Crawford, Sept., 453
 - pectus excavatum: case with pre- and postoperative angiographic studies (ab), Ralph A. Dorner, et al., Aug., 280
 - thoracic stomach simulating left ventricular failure (ab), Henry H. Haft and Daniel K. Adler, Nov., 778
- roentgenography**
- report of committee of Minnesota State Radiological Society for hospital admission chest examination, Aug., 261
 - vertical tomography (ab), D. W. Crombie and Paul M. Andrus, July, 126
- THORIUM X**
- treatment of hemangiomatous nevi (ab), R. E. Bowers, Dec., 919
- THORNE, M. G.** See DOUTHWAITE, A. H.
- THORNTON, WILLIAM N., JR., NOKES, JOHN M., and BROWN, DWIGHT J., JR.** Evaluation of irradiation therapy for nonmalignant uterine bleeding at the University of Virginia Hospital (ab), Nov., 788
- THOROTRAST**
- attempt at excreting injected thorotrast in rabbits by 2,3-dimercaptopropanol(BAL) (ab), Björn E. W. Nordenström-Blomqvist, Nov., 795
 - hepatobiligraphy: past, present, and future, Sydney F. Thomas, George W. Henry, and Henry S. Kaplan, Nov., 669
- THREEFOOT, S. A.** See RAY, C. T.
- THROMBOSIS**
- aseptic lateral sinus thrombosis (ab), Goodlatte B. Gilmore and Alan A. Scheer, Nov., 765
 - of terminal aortic bifurcation: clinical and aortographic study (ab), G. Bonte and J. Desruelles, Dec., 905
 - roentgen examination in mesenteric thrombosis (ab), J. Frimann-Dahl, Sept., 457
 - treatment of post-thrombotic syndrome by interruption of superficial femoral vein (ab), Melvin A. Cassel, Aug., 293
- THUMANN, ROBERT C., JR., and RANDALL, DAVID:** Cystourethrography in the diagnosis of diseases of the prostatic urethra (ab), Sept., 470
- THURN, P.** See HAUBRICH, R.
- THYMUS**
- tumors (ab), William D. Seybold, et al., July, 129
- THYROID**
- See also Goiter
 - diagnostic and therapeutic use of radioactive iodine (ab), Dwight E. Clark, et al., Nov., 789
 - direct measurement of I^{131} uptake in thyroid gland: further observations (ab), A. Stone Freedberg, et al., July, 151
 - effect of roentgen radiation on thyroid function in rats, John B. Hursh, Priscilla A. Van Valkenburg, and John B. Mohney, Sept., 411
 - index of thyroid function: estimation by rate of organic binding of I^{131} (ab), Glenn E. Sheline and Dwight E. Clark, July, 150
 - lingual thyroid: use of radioactive iodine in diagnosis (ab), John R. Timmons and James M. Timmons, Dec., 922
 - lingual thyroid: use of radioactive iodine, I^{131} , in diagnosis and treatment (ab), Kenneth R. Crispell and William Parson, Oct., 624
 - radioiodine (I^{131}) in diagnosis and treatment of diseases (ab), Fenton Schaffner, et al., Dec., 922
 - radioiodine-accumulating function of human thyroid as a diagnostic test in clinical medicine (ab), F. Raymond Keating, Jr., et al., Oct., 624
 - studies with radioiodine. I. Function and rate of I^{131} uptake of thyroid, Earl R. Miller, Morris E. Dailey, A. V. Holmes, George L. Alexander, and Glenn E. Sheline, July, 37
 - uptake and conversion of radioactive iodine (I^{131}) by thyroid gland in vivo and in vitro in tourniquet shock in rats (ab), Milton W. Hamolsky, et al., Dec., 923
 - uptake of radioactive iodine by thyroid gland of leukemic patients (ab), Edwin C. Albright and William S. Middleton, July, 151
 - use of protein bound iodine as a clinical tool (ab), William N. Harsha, Aug., 299
 - cancer
 - carcinoma with multiple metastases and pathological fracture, successfully treated with radioiodine; case, Joseph Sorrentino, Bernard Roswit, and Rosalyn Yalow, Nov., 729
 - in childhood and adolescence; 28 cases (ab), B. J. Duffy, Jr., and Patrick J. Fitzgerald, Oct., 591
 - pulmonary metastatic lesion successfully treated with radioactive iodine; case of pulmonary metastasis from a papillary adenocarcinoma of thyroid (ab), A. Stone Freedberg, et al., Oct., 623
 - radioactive iodine studies following hemithyroidectomy for carcinoma: possible aid in diagnosis of early metastases; case (ab), Kenneth R. Crispell, Nov., 790
 - therapeutic results in irradiation of malignant goiter (ab), J. Sprindrich, Dec., 917
 - treatment by radioactive iodine of cancer and metastases of thyroid origin (ab), J. Chester, et al., Nov., 790
 - treatment with radioactive iodine (ab), Sigvard Kaare and Olaf Petersen, July, 151
 - hyperthyroidism
 - in diagnosis and treatment (ab), R. A. Shipley, et al., Sept., 473
 - radioactive iodine for hyperthyroidism during early pregnancy (ab), John E. Clever, Nov., 790
 - radioactive iodine in treatment (ab), E. Perry McCullagh and Charles E. Richards, Nov., 790
 - some aspects of thyroid disease: radioiodine in evaluation and treatment of hyperthyroidism (ab), Howard B. Hunt, Oct., 623
 - studies with radioiodine: problem of dosage in treatment, Earl R. Miller and Glenn E. Sheline, Nov., 720
 - studies with radioiodine. II. Treatment of patients with hyperthyroidism by I^{131} , Earl R. Miller, Morris E. Dailey, Mayo H. Soley, Nadine Foreman, A. V. Holmes, George L. Alexander, and Glenn E. Sheline, Aug., 227
 - treatment of thyrotoxicosis with radioactive iodine (ab), Edgar S. Gordon and Edwin C. Albright, July, 151
 - treatment with radioactive iodine (ab), Gilbert B. Forbes and Anne M. Perley, Dec., 922
- HYDROTOXICOSIS.** See Thyroid, hyperthyroidism
- THYS, L.** See CLARA, R.
- TIBIA**
- skeletal changes in severe phosphorus deficiency of the rat. I. Tibia, metacarpal bone, costochondral junction, caudal vertebrae (ab), R. D. Coleman, et al., July, 143
- TICE, G. M., and IRVING, N. W.** Roentgen therapy supplementing surgery in the treatment of gliomas, (ab) Oct., 619
- TILLINGHAST, ARTHUR J.** See WHITE, STEPHEN
- TIMERS.** See Roentgen Rays, apparatus
- TIMMONS, JAMES M.** See TIMMONS, JOHN R.
- TIMMONS, JOHN R., and TIMMONS, JAMES M.** Lingual thyroid: use of radioactive iodine in diagnosis (ab), Dec., 922
- TIN**
- stannic oxide pneumoconiosis (ab), Carroll C. Dundon and James P. Hughes, Aug., 279
- TIRMAN, WALLACE S., CAYLOR, CHARLES E., BANKER, HARRY W., and CAYLOR, TRUMAN E.** Microradiography: its application to the study of the vascular anatomy of certain organs of the rabbit, July, 70
- See COLLETT, HUGH S.
- TIVEY, HAROLD, and OSGOOD, EDWIN E.** Biological half-life of radioactive phosphorus in the blood of patients with leukemia. I. Whole blood—with deviations of observations from predicted values and an estimate of total-phosphorus. III. Erythrocytes—with deviations of observations from predicted values (ab), Oct., 625
- See OSGOOD, EDWIN E.
- TOCHILIN, E., DAVIS, R. H., and CLIFFORD, J.** A calibrated roentgen-ray film badge dosimeter (ab), Aug., 301
- TOMKINSON, J. S.** Posterior mediastinal goitre: a report of three cases (ab), Dec., 901
- TOMOGRAPHY.** See Body Section Roentgenography
- TONDREAU, RODERICK L., and KIRKLIN, B. R.** Bezants of the stomach (ab), July, 135
- TONGUE**
- cancer
 - (ab), Arthur G. James, Nov., 785
 - results of irradiation in cancer of lip, tongue and ear (ab), L. H. Garland and Merrell Sisson, Sept., 470
 - squamous epithelioma in young woman, aged 19 years (ab), Richard Flynn and H. Harris, Sept., 471
- TONSILS**
- after radium irradiation (ab), Ernest J. Van Eycken, Aug., 301
- TORDA, CLARA, and WOLFF, HAROLD G.** Effect of lymphoid necrosis due to nitrogen mustard and roentgen irradiation on neuromuscular function of hypophysectomized animals (ab), Oct., 628

- TOTI, ANTONIO:** Traumatic fracture in Cooley's anemia (ab), Dec., 912
- TOWNE, JANET E.** See SCHMITZ, HERBERT E.
- TOWSON, CHARLES E.:** Monostotic fibrous dysplasia of the mastoid and the temporal bone (ab), Oct., 613
- TOXOPLASMOSIS**
- intracranial calcification probably due to toxoplasmosis (ab), R. Le Bihan, et al, Dec., 898
- TRACHEA**
- compression from bronchogenic cyst in esophageal wall (ab), Herbert C. Maier, Aug., 283
 - compression of trachea or esophagus by vascular anomalies; surgical therapy in 40 cases (ab), Robert E. Gross and Edward B. D. Neuhauser, Nov., 776
 - relation of tracheotomy and laryngeal carcinoma to pulmonary tuberculosis (ab), Alvin D. Rudo and David H. Jones, Nov., 770
- fistula.** See Fistula
- TRICHOBEZOAR.** See Stomach, foreign bodies
- TRICUSPID VALVE**
- diagnosis of tricuspid atresia or stenosis in infants; 10 cases (ab), Bernhard M. Gasul, et al, Nov., 775
- TRIPPEL, OTTO H.** See CLARK, DWIGHT E.
- TRUMP, JOHN G.** See HAKE, HUGH F.
- TUBERCOLOMA.** See Lungs, tumors
- TUBERCULOSIS.** See Bones; Fallopian Tubes; Lymph Nodes; Pleura; Sacro-Iliac Joint; Tuberculosis, Pulmonary
- TUBERCULOSIS, PULMONARY**
- angiography in artificial pneumothorax (ab), Israel Steinberg, et al, Aug., 277
 - importance of bronchial changes caused by tuberculous bronchial nodes during the course of tuberculosis in childhood (ab), H. Wissler, Oct., 594
 - primary complex (ab), Alfred D. Briggs, Sept., 446
 - pulmonary calcification—tuberculosis? histoplasmosis? (ab), Frederic N. Silverman, Oct., 593
 - relation of tracheotomy and laryngeal carcinoma to pulmonary tuberculosis (ab), Alvin D. Rudo and David H. Jones, Nov., 770
 - simultaneous occurrence of pulmonary tuberculosis and cancer (ab), Eugen Muntean and Rudolf Amon, July, 127
 - spontaneous pneumothorax: contrast of benign idiopathic and the tuberculous types (ab), Bernard Hyde and LeRoy Hyde, Nov., 771
- mass roentgenologic surveys.** See also Mass Surveys
- case finding in general hospitals (ab), Zella Bryant, Aug., 277
 - minimizing radiography with 4 × 5 inch cut film (ab), Owen Clarke, Nov., 769
 - nature of lesions encountered in routine chest x-rays (ab), Robert V. Slattery, et al, Aug., 275
 - results of Boston chest x-ray survey (ab), John H. Cauley, Sept., 446
 - results of chest x-ray screening in hospitals (ab), John E. Madden, Nov., 769
 - routine antenatal chest x-ray findings in patients drawn from a currently surveyed population (ab), Hugh J. Bickell, et al, Nov., 769
 - studies on reliability of mass surveys (ab), L. H. Garland, Oct., 595
 - value of total population survey in campaign against tuberculosis (ab), Lars Lönnérblad, Nov., 769
- roentgenography**
- aspects of primary (tuberculous) infection of the adult (ab), G. Voluter, Dec., 899
 - bronchography (ab), Paul Rabinowitz and Ian S. H. Harper, Dec., 898
 - radiologic and pathologic correlation of miliary tuberculosis of lungs in children, with special reference to choroidal tubercles (ab), J. L. Emery and J. Lorber, Aug., 276
- TULLIS, JOHN L.** See BROWN, CRAWFORD S.
- TUMORS**
- See also Cancer; Sarcoma; and under names of organs and regions
 - some varied applications of radioactive isotopes to localization and treatment (ab), D. W. Smithers, Dec., 921
 - adamantinoma**
 - (ab), Carman Weder, Nov., 767 - angioma**
 - contribution to Sturge-Weber disease (ab), Franz Sommer, Sept., 444
 - encephalotrigeminal angiomas (Sturge-Weber syndrome), with particular reference to roentgen aspects before and after neurosurgery (ab), John R. Green, et al, Aug., 273
 - generalized primary lymphangiomas of bone; case associated with congenital lymphedema of forearm (ab), Raymond Harris and Andrew Prandoni, Oct., 608
 - hemangioma of vertebra associated with compression of spinal cord (ab), Olaf Bröbeck, Aug., 289
 - radiologic study of cerebral angioma (ab), Guido Lombardi, Dec., 897
 - renal angioma: suspected bilateral involvement (ab), Bernard E. Paetz and George Sewell, Dec., 920
 - treatment of hemangiomas nevi with thorium X (ab), R. E. Bowers, Dec., 919
 - branchioma.** See Branchial Apparatus
 - cholesteatoma**
 - petrous bone: hyperostosis and cholesteatoma (ab), H. W. Stevens, Sept., 443 - chondroma**
 - central malignant chondroma of bone (ab), John H. Fodden, Sept., 458 - esthesioneuro-epithelioma**
 - olfactory esthesioneuro-epitheliomas, William B. Seaman, Oct., 541 - experimental**
 - distribution of radioactive gold colloid in rats, mice, and transplanted mouse tumors (ab), G. Z. Williams, et al, Nov., 791
 - effects of ionizing radiations on a transplanted lymphosarcoma (ab), Joanne Hollcroft, et al, Aug., 302
 - effects of roentgen rays on cancer: direct microscopic observation on living intraocular transplants of frog carcinoma (ab), Baldwin Lucké and H. G. Schlumberger, Nov., 794
 - investigation of nucleic acids of viscera and tumor tissue from animals injected with radioactive 8-azaguanine (ab), Jack H. Mitchell, Jr., et al, Aug., 301
 - radiosensitivity of analogous mouse mammary tumors dbrB and C3H; further studies, Anna Goldfeder, Dec., 845
 - studies on distribution of radioactive 8-azaguanine (guanazole) in mice with Bo771 tumors (ab), Leonard L. Bennett, Jr., et al, Aug., 300
 - transparent-chamber observations of response of a transplantable mouse mammary tumor to local roentgen irradiation (ab), Ruth Merwin, et al, Nov., 795
 - uptake and distribution of radioactive phosphorus in chicken eggs containing a rapidly growing mammary tumor of the C3H mouse (ab), Irving Galinsky, Aug., 300 - fibromyoma.** See Uterus
 - giant-cell**
 - of bone: current status of problems in diagnosis and treatment (ab), Louis Lichtenstein, Dec., 910
 - report of 7 cases in which the bones of the hands and feet were involved (ab), Henry W. Meyerding and Alfred E. Jackson, July, 141
 - x-ray diagnosis and radiation therapy of osteoclastoma (benign solitary giant-cell tumor of the bones), Zürich experiences 1920-1949 (ab), E. Mignoli and U. Cocchi, Sept., 458 - glioma.** See Brain, tumors
 - lipoma**
 - agenesis of corpus callosum; lipoma of corpus callosum: their roentgen recognition and differentiation, Archie Sheinmel and Lewis R. Lawrence, July, 15 - lymphocytoma**
 - benign solitary lymphocytoma; 3 cases (ab), Coleman Mopper and James R. Rogin, Dec., 919
 - lymphocytoma cutis; 2 cases (ab), Adolph B. Loveman and Maurice T. Fliegelman, Dec., 919 - mesodermal**
 - mesenchymal tumors of stomach (ab), Charles J. France and Osborne A. Brines, Nov., 777 - mesothelioma**
 - endothelioma (mesothelioma) of pleura; review with report of 7 cases, 4 of which were extirped surgically (ab), Lew A. Hochberg, Dec., 901
 - solitary (localized) mesothelioma of pleura (ab), Arthur P. Stout and George M. Himadi, Dec., 902 - mixed**
 - treatment of mixed tumors of kidney in childhood (ab), Robert E. Gross and Edward B. D. Neuhauser, Nov., 786 - myoma**
 - calcified leiomyoma of stomach (ab), J. Garbarini and H. P. Price, Aug., 283
 - large partially calcified gastric leiomyoma (ab), Eugene L. Koloski, et al, July, 135
 - leiomyoma of esophagus; case with successful resection (ab), Wallace C. Madden and Edwin G. Olmstead, Sept., 453 - neuroblastoma**
 - adrenal neuroblastoma (ab), R. Wallace Boyd, July, 138
 - neuroblastoma sympathetic with metastases; case with apparent recovery (ab), David Goldring, Dec., 918 - osteoma**
 - incomplete removal of osteoid-osteoma (ab), G. M. Morrison, et al, Aug., 288
 - natural course of osteoid osteoma (ab), Erik Moberg, Dec., 911
 - osteoid osteoma; case (ab), Lawrence J. Cohen and David Van Brown, Oct., 609
 - osteoid osteoma: clinicopathologic study of 20 cases (ab), Malcolm B. Dockerty, et al, Dec., 911 - polyp**
 - prolapsing hypertrophied gastric mucosa simulating a prolapsing gastric polyp; case (ab), Maurice Feldman and Zachariah Morgan, Dec., 900 - retinoblastoma.** See Retina
 - sarcoid**
 - pyloric obstruction due to sarcoid of stomach (ab), Adolph A. Appel, et al, Dec., 906 - synovioma.** See Synovial Membrane
 - tuberculoma.** See Lungs, tumors
 - Wilms'.** See Kidneys, tumors
 - TURCHETTI, A.** See CONDORELLI, L.
 - TWEEDY, WILBUR R.** See LEROY, GEORGE V.
 - TWINS**
 - idiopathic pulmonary fibrosis: its occurrence in identical twin sisters (ab), J. Winthrop Peabody, et al, Sept., 447

U

- ULCERS.** See Peptic Ulcer; Radiations, injurious effects; Varicose Veins

- ULIN, ALEX W., LICHTENSTEIN, IRVING L., GARRITANO, ANTHONY, and FISCHER, SETH M.**: Carcinoma of the gallbladder (ab), July, 138
- ULNA**
—osteochondritis dissecans of head of ulna (ab), Johannes Thoms, Aug., 291
- UNGER, LEON.** See KAMMERLING, ERWIN
- URELES, ALVIN L.** See FREEDBERG, A. STONE
- UREMIA**
—pulmonary changes in uremia (ab), Hyman E. Bass and Emanuel Singer, Nov., 773
- URETERS**
—calculus in relation to border of psoas muscle (ab), Bela Gondos, Aug., 293
—excretory urography versus retrograde urography: a ureteral compression technic (ab), J. Byron Beare and Carl A. Wattenberg, Aug., 292
—retrocaecal ureter: case (ab), S. A. Sabatini and Gerald Wessler, Nov., 783
—ureteral obstruction in carcinoma of cervix (ab), C. W. Aldridge and J. T. Mason, Nov., 783
- URETHANE**
—multiple myeloma: variability of roentgen appearance and effect of urethane therapy on skeletal disease (ab), R. Wayne Rundles and Robert J. Reeves, Oct., 609
- URETHRA**
—carcinoma in female (ab), C. Bernard Brack and George J. Farber, Oct., 621
—cystourethrography in diagnosis of diseases of prostatic urethra (ab), Robert C. Thumann, Jr., and David Randall, Sept., 470
—diverticula in paraplegics (ab), Virgil A. Pate, Jr., and R. Carl Bunts, Dec., 915
—new cysto-urography and transurethral operating table: hydraulic operation providing prompt wide range position change (ab), Frederic E. B. Foley, Sept., 470
- URINE**
See also Hematuria
—testing blood plasma to tissue exchange rate by urine isotope ratio: inorganic phosphate (ab), Herbert D. Friedlander and Walter S. Wilde, Dec., 923
- URIST, MARSHALL R., and MCLEAN, FRANKLIN C.**: Bone repair in rats with multiple fractures (ab), Oct., 614
- UROGRAPHY.** See Pyelography
- UTERUS**
—method of locating placenta in intact human uterus by means of radioactive sodium (ab), J. C. McClure Browne and N. Veall, July, 144
—traumatic intra-uterine adhesions (ab), Joseph G. Asherman, Nov., 782
- cancer.** See also Uterus, tumors
—cervical cancer: Sydney Hospital figures for fifteen, ten and five year periods from 1929 to 1943 (ab), H. K. Porter, et al, July, 148
—cervical cancer: value of vaginal cytology in observing the progress under radiation treatment (ab), G. C. Maloney, Aug., 296
—cervical carcinoma (ab), Grant Beckstrand and S. W. Ellery, Aug., 295
—cervical carcinoma: consideration of infant in treatment (ab), Floyd C. Atwell, Oct., 621
—cervical carcinoma: hysteroscopy in study (ab), Giuseppe M. Reviglio, Oct., 615
—cervical carcinoma: intravaginal roentgen therapy: preliminary report on 14 cases (ab), Tom B. Bond and Maurice C. Archer, July, 148
—cervical carcinoma: new colpostat for radium treatment (ab), S. DiPalma, Aug., 295
—cervical carcinoma: response to fractionated radium and roentgen therapy given concurrently (ab), Howard B. Hunt, Aug., 295
—cervical carcinoma: role of surgery in management, Herbert E. Schmitz, Janet E. Towne, and Charles J. Smith, Dec., 826
—cervical carcinoma: ureteral obstruction (ab), C. W. Aldridge and J. T. Mason, Nov., 783
—cervical carcinoma: use of radioactive cobalt in treatment (ab), Allan C. Barnes, et al, Oct., 622
—time, site, and treatment of recurrences of endometrial carcinoma (ab), William F. Finn, Aug., 297
—value of cross-section diagrams in giving accurate x-ray therapy into the female pelvis, Jessill Love, G. N. Combs, W. A. Askew, and M. Harcourt, Aug., 169
- cervix.** See Uterus, cancer
- fibromyoma**
—management (ab), C. H. Mauzy, et al, Nov., 788
- hemorrhage**
—evaluation of irradiation therapy for non-malignant uterine bleeding at University of Virginia Hospital (ab), William N. Thornton, Jr., et al, Nov., 788
- roentgenography.** See also Fallopian Tubes; Uterus, cancer
—roentgen visualization of genital tract in pseudohermaphroditism (ab), Robert J. McCaffery, Nov., 783
—uterovenous and ularymphatic extravasation in hysterosalpingography (ab), A. Drukman and S. Rozin, Dec., 914
—volumetric capacity of the human nulliparous uterus (ab), Abner I. Weisman, Nov., 782
- tumors**
—carcinosarcoma: case (ab), M. Pinson Neal, et al, July, 149
- VAGINA**
—intracavitary radium at time of vaginal plastic operation (ab), Lennard L. Weber, July, 149
—roentgen visualization of genital tract in pseudohermaphroditism (ab), Robert J. McCaffery, Nov., 783
—value of vaginal cytology in observing the progress under radiation treatment of patients suffering from cancer of the cervix (ab), G. C. Maloney, Aug., 296
- VanDILLA, MARVIN A.** See FREEDBERG, A. STONE
- VAN EYCKEN, ERNEST J.**: The tonsil after radium irradiation (ab), Aug., 301
- Van FAROWE, DONALD.** See HEUSTIS, ALBERT E.
- VANNOTTI, A.** See CHESTER, J.
- VAN VALKENBURG, PRISCILLA A.** See HURSH, JOHN B.
- VARICOSE VEINS**
—varicose ulcer: study of deep veins with special reference to retrograde venography (ab), H. E. Lockhart-Mummery and J. Hillyer Smitham, Dec., 915
- VASIODIONE**. See Iodine and Iodine Compounds
- VEALL, N.** See BROWN, J. C. McClure
- VEINS**
—uterovenous and ularymphatic extravasation in hysterosalpingography (ab), A. Drukman and S. Rozin, Dec., 914
- femoral**
—treatment of post-thrombotic syndrome by interruption of superficial femoral vein (ab), Melvin A. Cassel, Aug., 293
- jugular**
—brain revascularization after carotid-jugular anastomosis assessed by angiography (ab), I. M. Tarlov, et al, Nov., 764
- carotid-internal jugular anastomosis in the Rhesus monkey: angiographic and gasometric studies (ab), E. S. Gurdjian, et al, Oct., 592**
- portal.** See Portal Vein
- pulmonary**
—hemodynamic study of case of anomalous pulmonary venous drainage (ab), W. Hwang, et al, Sept., 451
- roentgenography.** See Brain; Extremities; Varicose Veins
- VENA CAVA**
—superior vena caval system obstruction (ab), Malcolm C. McCord, et al, Dec., 905
- VENOGRAPHY.** See Brain; Extremities; Portal Vein; Varicose Veins; Veins
- VENTRICULOGRAPHY.** See Brain
- VERBIEST, H.**: Isolated filling of the posterior part of the third ventricle by air in obstructions of the aqueduct of Sylvius (ab), Sept., 443
- VER BRUGGHEN, ADRIEN.** See PAGET, JOHN
- VERTEBRA.** See Spine
- VEST, SAMUEL A.** See MERREN, DAVID D.
- VETERANS**
—rheumatic heart disease in service pensioners: review of 318 cases (ab), Ronald Hartley, July, 132
- VISCERA**
—investigation of nucleic acids of viscera and tumor tissue from animals injected with radioactive 8-azaguanine (ab), Jack H. Mitchell, Jr., et al, Aug., 301
- Kartagener syndrome (ab), Samuel Cohen, et al, Nov., 773**
- Kartagener's triad: review of literature and report of case (ab), H. S. Zuckerman and L. R. Wurtzbach, Dec., 901**
- situs inversus, bronchiectasis and sinusitis: report of family with 2 cases of Kartagener's triad and 2 additional cases of bronchiectasis among 6 siblings (ab), W. H. Bergstrom, et al, Aug., 280**
- VISCHER, W.**: Changes in lung tissues following bronchography with Joduron B (ab), Dec., 900
- VITAMINS**
—adolescent deficiency disease: case (ab), Jarvis M. Smith, Dec., 912
- A**
—hypervitaminosis A: case (ab), Tyree C. Wyatt, et al, Aug., 289
- B**
—effect of vitamin B₁₂ on leukopenia induced by radiation (ab), Robert E. Carter, et al, July, 154
—pyridoxine and experimental x-radiation injury in rats (ab), M. L. MacFarland, et al, Oct., 628
- D**
—skeletal and periarticular manifestations of hypervitaminosis D (ab), William R. Christensen, et al, Dec., 911
—vitamin D intoxication in child with rheumatoid arthritis (ab), John S. Hyde and Julius B. Richmond, Aug., 289
—vitamin D resistant rickets (refractory rickets) (ab), John F. Holt, Sept., 459
- VOEGT, H.**: Mesenterium commune (ab), Aug., 285
- VOGT, ALFRED.**: Generalized hyperostosis and similar systemic diseases of the bones (ab), Sept., 460
- VOLUTER, G.**: Radiologic aspects of the primary (tuberculous) infection of the adult (ab), Dec., 899
- von SALLMANN, LUDWIG,** with the technical assistance of Munoz, Carmen M.: Experimental studies on early lens changes after roentgen irradiation. I. Morphological and cytochemical changes (ab), Dec., 925
- V**
- WAHLBERG, THOR:** Proposals for the establishment of Swedish regulations on roentgen ray protection made at the request of the Institute of Radiophysics (ab), Sept., 476

- WAHLBERG, THOR—*cont.*
 —See LINDELL, B.
 —See LORENTZON, L.
WALKER, LEONARD A.: Localization of radioactive colloids in lymph nodes (ab), July, 133
WALLERSTEIN, LIZAR. See ARONSON, STANLEY M.
WANGEN, WM. G. See HAYNES, EARL R.
WARD, B. C. H. See BODIAN, MARTIN
WASSERMANN REACTION
 —pulmonary infiltration with a positive Wassermann reaction (ab), *Cancer*, Borsella, Dec., 901
WATSON, JAMES R. See MECHLING, ROBERT S.
WATSON, WILLIAM L. See CAHAN, WILLIAM G.
 —See CONVERSE, JOHN M.
WATTENBERG, CARL A. See BEARE, J. BYRON
WAUGH, JOHN M. See LAMPERT, ELMER G.
WAUGH, RICHIEY L. and SULLIVAN, RUSSELL F.: Anomalous of the carpus with particular reference to the bipartite scaphoid (navicular) (ab), Sept., 465
WAYMAN, T. BRENT. Treatment of infiltrating carcinoma of the bladder by "retrograde method of interstitial radiation" (ab), Aug., 297
WEBER, E. P. See ENGELMAN, M. F., Jr.
WEBER, HARRY M. Diagnosis of early intestinal cancer (ab), Nov., 776
 —See COMFORT, MANDREW W.
WEBER, LENNARD L. Intracavitory radium at time of vaginal plastic operation (ab), July, 149
WEBSTER, EDWARD W. See HARE, HUGH F.
WEBSTER, J. E. See GURDJIAN, E. S.
WEDEKAR, CARMAN. Adamantinoma (ab), Nov., 767
WEINBERG, ARTHUR. See COHN, SIDNEY
WEINBERG, S. J., GOODMAN, J. R., AND BUSHARD, M. C.: Alterations in renal function, including hematuria, in man during intracardiac studies. Alterations in cardiac function (ab), Nov., 767
WEISBURGER, ELIZABETH K. See MORRIS, HAROLD P.
WEISBURGER, JOHN H. See MORRIS, HAROLD P.
WEISMAN, ABNER I. Volumetric capacity of the human umbilical arteries (ab), Nov., 788
WELLIS, B. G. See BOURNE, GEOFFREY
WENGER, P. See JADASSOHN, W.
WENTWORTH, JOHN H. Use of the nine and one-half-inch roll-film cassette with conventional spot-filming fluoroscopic tables for angiocardiography, Nov., 741
WERNER, SIDNEY C., GOODWIN, LAWRENCE D., QUIMBY, EDITH H., and SCHMIDT, CHARLOTTE: Some results from the use of radioactive iodine, 131 I, in diagnosis and treatment of toxic goiter (ab), Aug., 298
WESSLER, GERALD. See SABATINI, S. A.
WETTSTEIN, P. Radiologic examination in a case of destructive posterior condylar syndrome (ab), Aug., 273
 —and RIOTTON, G.: Anatomopathological aspects of ankylosing spondylarthritis (ab), Aug., 289
 —See FRANCESCHETTI, A.
WHIPPLE, GEORGE H. See STEWART, WELLINGTON B.
WHITECOMB, BENJAMIN B. See DUNSMORE, REMBRANDT
WHITE, STEPHEN, and TILLINGHAST, ARTHUR J.: Multiple myeloma. Analysis of twenty-one proved cases (ab), Aug., 287
WHOOPING COUGH
 —atelectasis and bronchiectasis in pertussis (ab), A. W. Lees, Oct., 599
WICKBOM, INGMAR: Angiographic examination of intra-cranial arterio-venous aneurysms (ab), Oct., 589
WIERMAN, WILLIAM H. See HARPER, FRED R.
WILCE, JOHN W. See PRIOR, JOHN A.
WILDE, WALTER S. See FRIEDLANDER, HERBERT D.
WILDER, HELENOR C., and MAYNARD, RUSSELL M.: Ocular changes produced by total body irradiation (ab), Nov., 793
WILKINSON, CHARLES F., Jr. See SHULL, WILLIAM H.
WILLIAMS, A. JUSTIN, and HEWES, FRED L.: Roentgen diagnosis of intra-abdominal hernia (ab), Dec., 908
WILLIAMS, G. Z., STANTON, A. C., JAMISON, R. M., and WILLIAMS, J. T.: Distribution of radioactive gold colloid in rats, mice, and transplanted mouse tumors (ab), Nov., 791
WILLIAMS, J. T. See WILLIAMS, G. Z.
WILLIAMS, MARVIN M. D. See KEATING, F. RAYMOND, Jr.
WILLIAMS, T. H. See MacDOUGALL, J. T.
WILLS, IRVING, JENNINGS, W., KENNETH, LOQUVAN, GEORGE S., and RUSSELL, WILLIAM O.: Tumor of the major duodenal papilla (ab), Oct., 605
WILMS' TUMOR. See Kidneys, tumors
- WILSON, C. W.:** Dependence of the human skin reaction produced by ionizing radiation upon the type of radiation. Some speculations, July, 83
WILSON, MICHAEL. See ARMITAGE, GEORGE
WINANT, EDWARD M. See THOMPSON, FREDERICK R.
WINHAM, ARTHUR J., and PECHSTEIN, GEORGE R.: Clinical and roentgen observations of a newly perforated peptic ulcer, Oct., 551
WISSLER, H.: Importance of bronchial changes caused by tuberculous bronchial nodes during the course of tuberculosis in childhood (ab), Oct., 594
WOLF, B. S. See LOEVINGER, R.
WOLFE, AAGE. See EEK, SIGURD
WOLFF, HAROLD G. See TORDA, CLARA
WOLFF-PARKINSON-WHITE SYNDROME. See Heart, abnormalities
WOLIN, IRVING, GLASSMAN, FRANK, SIDEMAN, SIDNEY, and LEVINTHAL, DANIEL H.: Internal derangement of the talofibular component of the ankle (ab), July, 143
WOOD, PAUL: Congenital heart disease. Review of its clinical aspects in the light of experience gained by means of modern techniques. Parts I and II (ab), Aug., 280
WOODARD, HELEN Q. See DIAMOND, HENRY D.
WOODS, ALAN C., Jr. See RAVITCH, MARK M.
WOOLSEY, ROBERT, and THOMA, GEORGE: Localization of intracranial neoplasms with radioactive diiodofluorescein (ab), Nov., 765
WORK, WALTER P.: Lesions of external auditory canal (ab), Nov., 702
WRIGHT, CLAUDE-STARR: Leukemia, polycythemia and related diseases (ab), Nov., 787
WRIGHT, KENNETH A. See HARE, HUGH F.
WRIGHT, LYDIA T., and SCOTT, BEATRICE E.: Perforated gastric ulcer in a newborn infant (ab), Nov., 778
WRIST
 —anomalies of carpus, with particular reference to bipartite scaphoid (navicular) (ab), Richey L. Waugh and Russell F. Sullivan, Sept., 465
WUEHRMANN, ARTHUR H., and MONACELLI, CARL J.: Selection of optimum kilovoltage for dental radiography. I. Preliminary studies, Aug., 240
WURTZEBACH, L. R. See ZUCKERMAN, H. S.
WYATT, TYREE C., CABABELLO, CHARLES A., and FLETCHER, M. ELIZABETH: Hypervitaminosis A. Report of a case (ab), Aug., 289
WYMAN, STANLEY M., and SCHOLZ, FRANK: A preliminary report on radiography in rapid sequence, Nov., 748
WYSS, A.: Roentgen diagnosis of spondylolisthesis (ab), Dec., 912
- Y
- YALOW, ROSALYN.** See SORRENTINO, JOSEPH
YARDUMIAN, KRIKOR, and MYERS, LEONARD: Primary Hodkin's disease of the lung (ab), July, 127
YESNER, RAYMOND, and HURWITZ, ALFRED: Report of a case of localized bronchopulmonary aspergillosis successfully treated by surgery (ab), July, 128
YOUNG, DENNISON, and SCHWEDEL, JOHN B.: Calcification of the left atrium in rheumatic heart disease (ab), Oct., 603
YU, PAUL N. G. See BRUCE, ROBERT A.
YUILE, CHARLES L., HAYDEN, JOHN W., BUSH, JAMES A., TESLUK, HENRY, and STEWART, WELLINGTON B.: Plasma iron and saturation of plasma iron-binding protein in dogs as related to the gastrointestinal absorption of radioiron (ab), Oct., 626
 —See STEWART, WELLINGTON B.
- Z
- ZIEDSES DES PLANTES, B. G.:** A special device for encephalography (ab), Oct., 588
 Cerebral stereoangiography (ab), Oct., 589
 Examination of the third and fourth ventricles by means of small quantities of air (ab), Sept., 443
ZIMDAHL, WALTER T.: Disorders of the cardiovascular system occurring with catheterization of the right side of the heart (ab), Dec., 904
ZINSSER, HARRY F., Jr., KAY, CALVIN F., and BENJAMIN, J. MALVERN, Jr.: The electrokymograph: studies in recording fidelity (ab), July, 133
ZUCKERMAN, H. S., and WURTZEBACH, L. R.: Kartagener's triad. Review of the literature and report of a case (ab), Dec., 901